

# MONTANA'S AUTOMATIC TRAFFIC COUNTERS

2001

PREPARED BY THE MONTANA DEPARTMENT OF TRANSPORTATION  
TRAFFIC DATA COLLECTION SECTION

IN COOPERATION WITH THE U.S. DEPARTMENT OF  
TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION



## **INTRODUCTION**

This report contains a brief, concise summary of traffic patterns at each of the 81 continuous automatic traffic recorders located on Montana highways, that were in operation during 2001. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. The percentage of large commercial trucks (48' - 106') is included for each rural counter that had a complete year of data.

Calculated for each of the counters are the highest, the 10th, 20th, 30th, 50th, and 100th peak hour traffic volumes that occurred during each year. These peak volumes are listed as a percentage of the average daily traffic. These percentages are compared to previous years of historical data to determine reliability and accuracy.

The 81 counters are distributed by Functional Class as follows:

12 on Interstate Principal Arterial Rural	4 on Minor Arterial Urban
4 on Interstate Principal Arterial Urban	9 on Major Collector Rural
29 on Principal Arterial Rural	2 on Collector Urban
8 on Principal Arterial Urban	1 on Local Rural
12 on Minor Arterial Rural	

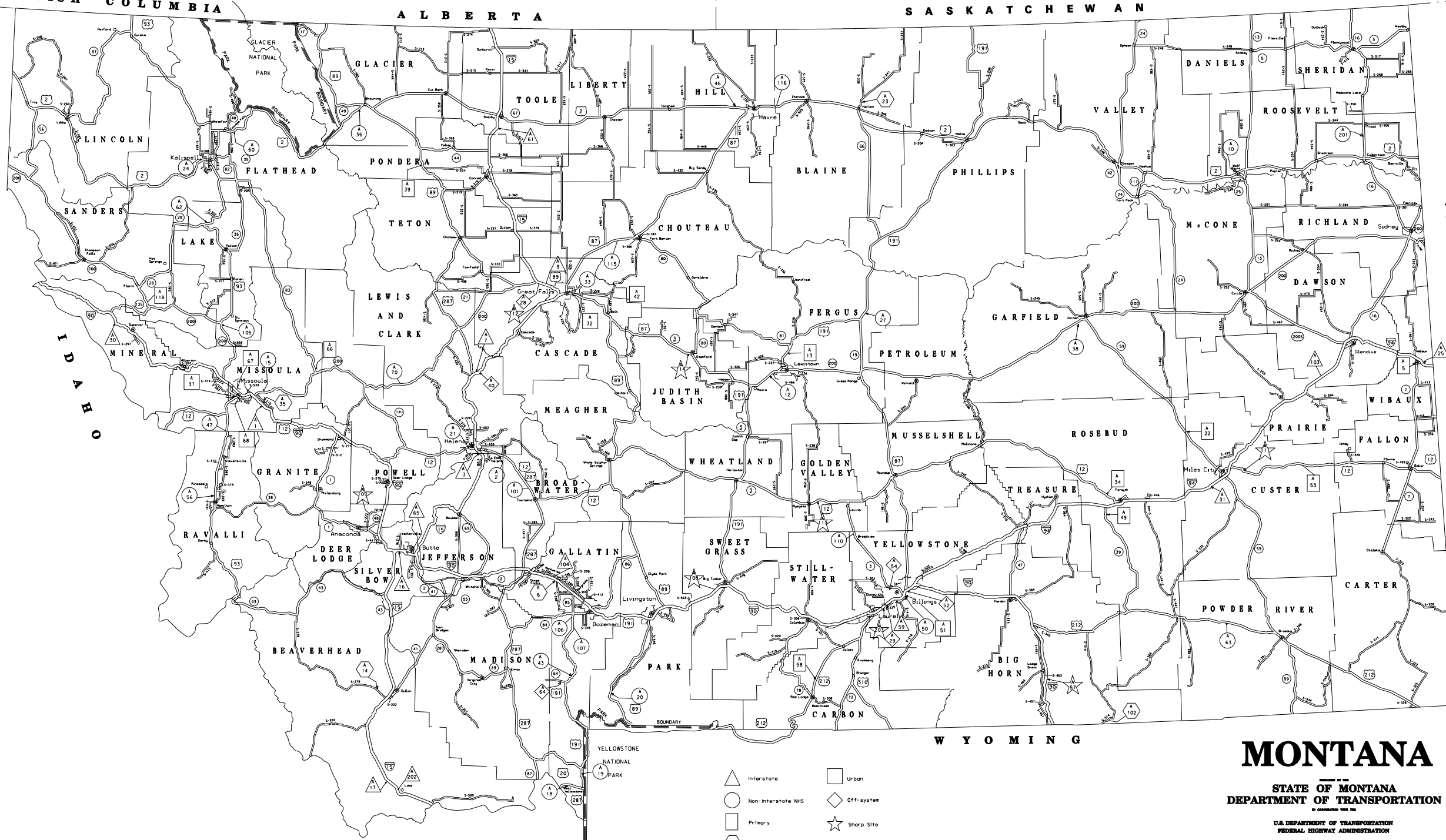
### **30th Highest Hour**

The American Association of State Highway & Transportation Officials (AASHTO) decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways were designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume (DVH), or the 30th maximum hour, and is to be used as the criterion for the design of the "National System of Interstate Highways". It is also now used in the design of Non-Interstate NHS, Primary, and Secondary highways in Montana.

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**MONTANA**

STATE OF MONTANA  
DEPARTMENT OF TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

Scale: 0 to 20 Miles  
Traffic Data Collection Jan 23, 2001

AUTOMATIC TRAFFIC RECORDER (ATR) SITES



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-1 TURAH

**LOCATION:** I 90, 10.0 MILES EAST OF MISSOULA RP 114.3

**YEAR:** 2001

**LARGE TRUCKS:** 17.1%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	6156	6401	6648	6648	6824	7573	6871	6732	6630	101.53%	68.25%
FEBRUARY	6668	6747	6770	6898	6698	7914	7207	6986	6778	103.06%	70.83%
MARCH	8788	7180	7481	7721	8216	9908	8863	8308	7650	108.61%	84.24%
APRIL	9562	8065	8087	8160	8920	10515	9106	8916	8308	107.32%	90.40%
MAY	10731	10258	9370	9661	10621	12962	11181	10683	9978	107.08%	108.32%
JUNE	12296	10948	10773	11233	12054	13694	12319	11902	11252	105.78%	120.68%
JULY	14810	12716	12233	12055	13259	15112	13685	13410	12566	106.72%	135.97%
AUGUST	14774	12675	11930	12461	13219	15248	13949	13465	12571	107.11%	136.52%
SEPTEMBER	11998	11215	10098	10264	11110	13494	12943	11589	10672	108.59%	117.50%
OCTOBER	10218	8721	8528	8909	9837	11872	10371	9779	8999	108.68%	99.15%
NOVEMBER	9981	7928	8211	8965	8036	9753	10017	8984	8285	108.44%	91.09%
DECEMBER	7345	6351	6423	7771	7845	8487	8963	7598	7098	107.05%	77.04%
DAILY AVG. FOR YEAR	10277	9100	8879	9229	9720	11378	10456	9863	9232	106.66%	100.00%

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-1

**ROUTE:** I-90 (C000090)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - RURAL

YEAR	ADT	HIGHEST HOUR		10TH		20TH		** DHV 30TH		50TH		100TH	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2%	216	17.3%	196	15.7%	195	15.6%		0.0%		0.0%
1951	2007	348	17.3%		0.0%		0.0%	293	14.6%		0.0%		0.0%
1961	2238	390	17.4%	290	13.0%	283	12.6%	279	12.5%		0.0%		0.0%
1971	3596	540	15.0%	487	13.5%	470	13.1%	460	12.8%		0.0%		0.0%
1981	5137	983	19.1%	659	12.8%	649	12.6%	639	12.4%		0.0%		0.0%
1991	7084	1123	15.9%	972	13.7%	933	13.2%	917	12.9%		0.0%		0.0%
1992	7812	1117	14.3%	1035	13.2%	1013	13.0%	992	12.7%		0.0%		0.0%
1993	8193	1308	16.0%	1179	14.4%	1137	13.9%	1111	13.6%	1080	13.2%	1022	12.5%
1994	8624	1309	15.2%	1177	13.6%	1130	13.1%	1120	13.0%	1094	12.7%	1041	12.1%
1995	8705	1232	14.2%	1148	13.2%	1134	13.0%	1118	12.8%	1082	12.4%	1033	11.9%
1996	8640	1379	16.0%	1252	14.5%	1202	13.9%	1175	13.6%	1131	13.1%	1064	12.3%
1997	8384	1217	14.5%	1065	12.7%	1043	12.4%	1027	12.2%	1002	12.0%	948	11.3%
1998	8957	1367	15.3%	1219	13.6%	1195	13.3%	1170	13.1%	1140	12.7%	1081	12.1%
1999	9419	1373	14.6%	1273	13.5%	1242	13.2%	1225	13.0%	1193	12.7%	1124	11.9%
2000	9640	1371	14.2%	1285	13.3%	1252	13.0%	1229	12.7%	1199	12.4%	1125	11.7%
<b>2001</b>	<b>9863</b>	<b>1372</b>	<b>13.9%</b>	<b>1296</b>	<b>13.1%</b>	<b>1267</b>	<b>12.8%</b>	<b>1236</b>	<b>12.5%</b>	<b>1196</b>	<b>12.1%</b>	<b>1137</b>	<b>11.5%</b>

REPLACED WITH A-121 IN FALL OF 2001

\*\* DESIGN HOUR VOLUME

FILE: S:\ATRV\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-2 CLAYSOIL

**LOCATION:** US 12 & 287, 9.0 MILES EAST OF HELENA

**YEAR:** 2001

**LARGE TRUCKS:** 4.9%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	3950	3886	4356	4370	4479	5033	4427	4357	4273	101.98%	83.32%
FEBRUARY	3820	4428	4179	4332	3916	4988	4315	4283	4214	101.63%	81.89%
MARCH	4482	4458	4542	4513	4936	5648	4934	4788	4612	103.80%	91.55%
APRIL	5112	4660	4736	4724	5068	5902	4975	5025	4797	104.76%	96.09%
MAY	5382	5169	5094	5193	5630	6502	6031	5572	5272	105.69%	106.54%
JUNE	5911	5706	5517	5589	6062	7195	5921	5986	5719	104.68%	114.46%
JULY	6841	6215	6313	5941	6739	7583	6596	6604	6302	104.79%	126.28%
AUGUST	0	0	0	0	6334	7097	6242	6558	6334	103.53%	125.39%
SEPTEMBER	5274	5151	5389	5536	5539	6962	5812	5666	5404	104.86%	108.35%
OCTOBER	4833	4963	4954	5252	5543	6573	5447	5366	5178	103.64%	102.61%
NOVEMBER	4787	4382	4824	5231	4848	5739	5121	4990	4821	103.51%	95.42%
DECEMBER	3828	4290	4220	4808	4753	5295	4227	4489	4518	99.36%	85.83%
DAILY AVG. FOR YEAR	4929	4846	4920	5044	5321	6210	5337	5230	5033	103.91%	

DAYS WITH 0's INDICATE COUNTER FAILURE

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-2

**ROUTE:** N-8 (C000008)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1961	1820	276	15.2%	258	14.2%	251	13.8%	<b>246</b>	<b>13.5%</b>		0.0%		0.0%
1971	2651	463	#DIV/0!	414	15.6%	399	15.1%	<b>385</b>	<b>14.5%</b>		0.0%		0.0%
1981	2803	477	26.2%	405	14.4%	390	13.9%	<b>379</b>	<b>13.5%</b>		0.0%		0.0%
1991	3433	570	16.6%	483	14.1%	458	13.3%	<b>448</b>	<b>13.0%</b>		0.0%		0.0%
1992	3660	570	20.3%	491	13.4%	479	13.1%	<b>464</b>	<b>12.7%</b>		0.0%		0.0%
1993	3782	581	16.9%	510	13.5%	496	13.1%	<b>483</b>	<b>12.8%</b>	472	12.5%	438	11.6%
1994	4043	594	16.2%	547	13.5%	529	13.1%	<b>511</b>	<b>12.6%</b>	493	12.2%		0.0%
1995	4300	592	15.7%	559	13.0%	536	12.5%	<b>528</b>	<b>12.3%</b>	506	11.8%	476	11.1%
1996	4416	689	17.0%	599	13.6%	565	12.8%	<b>551</b>	<b>12.5%</b>	539	12.2%		0.0%
1997	4439	698	16.2%	574	12.9%	562	12.7%	<b>542</b>	<b>12.2%</b>	527	11.9%	499	11.2%
1998	4861	657	15.6%	617	12.7%	603	12.4%	<b>588</b>	<b>12.1%</b>	565	11.6%	535	11.0%
1999	5190	769	14.8%	657	12.7%	632	12.2%	<b>614</b>	<b>11.8%</b>	595	11.5%	561	10.8%
<b>2001</b>	<b>5230</b>	<b>833</b>	<b>15.9%</b>	<b>647</b>	<b>12.4%</b>	<b>621</b>	<b>11.9%</b>	<b>608</b>	<b>11.6%</b>	<b>570</b>	<b>10.9%</b>	<b>532</b>	<b>10.2%</b>

UNDER CONSTRUCTION IN 2000

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-3 HELENA

**LOCATION:** I-15, 0.5 MILES SOUTH OF HELENA RP 191.8

**YEAR:** 2001

**LARGE TRUCKS:**

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	6832	8665	9971	10013	10147	10617	8249	9213	9699	94.99%	0.00%
FEBRUARY	7023	9322	9753	10109	9448	10614	8450	9246	9658	95.73%	0.00%
MARCH	7971	10005	10513	10530	10817	11558	9527	10132	10466	96.80%	0.00%
APRIL	8170	10546	10884	10860	10898	11753	9241	10336	10797	95.73%	0.00%
MAY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JUNE	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JULY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
AUGUST	0	0	0	0	0	0	0	0	0	0.00%	0.00%
SEPTEMBER	0	0	0	0	0	0	0	0	0	0.00%	0.00%
OCTOBER	7689	9913	10553	11384	11087	11718	9289	10233	10734	95.33%	0.00%
NOVEMBER	7548	9993	10490	11019	9942	11329	9086	9915	10361	95.70%	0.00%
DECEMBER	7396	9769	9035	10496	10550	11005	8905	9594	9963	96.30%	0.00%
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

MONTHS WITH 0's INDICATE CONSTRUCTION



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-3

**ROUTE:** I-15 (C000015)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - URBAN

YEAR	ADT	HIGHEST HOUR		10TH		20TH		** DHV 30TH		50TH		100TH	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
*1988	6869	960	14.0%	791	11.5%	758	11.0%	<b>735</b>	<b>10.7%</b>		0.0%		0.0%
1991	7060	908	12.9%	847	12.0%	834	11.8%	<b>822</b>	<b>11.6%</b>		0.0%		0.0%
1992	7763	963	12.4%	913	11.8%	894	11.5%	<b>889</b>	<b>11.5%</b>		0.0%		0.0%
1993	8113	989	12.2%	945	11.6%	932	11.5%	<b>921</b>	<b>11.4%</b>	905	11.2%	884	10.9%
1994	8479	1048	12.4%	994	11.7%	985	11.6%	<b>973</b>	<b>11.5%</b>	953	11.2%	923	10.9%
1995	8827	1070	12.1%	1041	11.8%	1031	11.7%	<b>1016</b>	<b>11.5%</b>	999	11.3%	961	10.9%
1996	8890	1094	12.3%	1050	11.8%	1037	11.7%	<b>1026</b>	<b>11.5%</b>	1013	11.4%	986	11.1%
1997	9406	1143	12.2%	1095	11.6%	1081	11.5%	<b>1067</b>	<b>11.3%</b>	1049	11.2%	1020	10.8%
1998	9690	1221	12.6%	1130	11.7%	1110	11.5%	<b>1096</b>	<b>11.3%</b>	1090	11.2%	1052	10.9%
1999	10223	1216	11.9%	1159	11.3%	1146	11.2%	<b>1127</b>	<b>11.0%</b>	1106	10.8%	1075	10.5%
2000	10216	1415	13.9%	1214	11.9%	1184	11.6%	<b>1170</b>	<b>11.5%</b>	1147	11.2%	1110	10.9%

UNDER CONSTRUCTION IN 2001

\*NEW ALIGNMENT

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001\DESIGN\HOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-5 WIBAUX

**LOCATION:** MT 7, 1 MILE SOUTH OF WIBAUX RP 79.2

**YEAR:** 2001

**LARGE TRUCKS:** 8.6%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	410	512	553	596	575	669	537	550	559	98.44%	76.37%
FEBRUARY	458	588	615	643	553	633	554	578	600	96.33%	80.18%
MARCH	498	629	597	606	611	658	560	594	611	97.28%	82.46%
APRIL	547	636	617	675	690	714	649	647	655	98.83%	89.77%
MAY	603	720	715	796	800	856	650	734	758	96.90%	101.91%
JUNE	744	772	780	755	805	853	845	793	778	101.98%	110.12%
JULY	836	904	894	794	883	877	802	856	869	98.50%	118.76%
AUGUST	1076	884	861	895	917	1141	1135	987	889	110.99%	136.98%
SEPTEMBER	742	864	858	836	843	869	749	823	850	96.80%	114.22%
OCTOBER	676	747	751	753	778	852	722	754	757	99.59%	104.66%
NOVEMBER	592	701	719	781	654	813	719	711	714	99.65%	98.72%
DECEMBER	469	614	601	701	674	707	564	619	648	95.53%	85.85%
DAILY AVG. FOR YEAR	638	714	713	736	732	804	707	721	724	99.54%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-5

**ROUTE:** P-27 (C000027)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8%	37	16.9%	34	15.5%	<b>33</b>	<b>15.1%</b>		0.0%		0.0%
1951	330		0.0%		0.0%		0.0%	<b>49</b>	<b>14.8%</b>		0.0%		0.0%
1961	541	102	18.9%	74	13.7%	68	12.6%	<b>65</b>	<b>12.0%</b>		0.0%		0.0%
1971	577	258	44.7%	173	30.0%	145	25.1%	<b>112</b>	<b>19.4%</b>		0.0%		0.0%
1981	863	255	29.5%	181	21.0%	145	16.8%	<b>125</b>	<b>14.5%</b>		0.0%		0.0%
1991	608	273	44.9%	160	26.3%	108	17.8%	<b>99</b>	<b>16.3%</b>		0.0%		0.0%
1992	624	263	42.1%	150	24.0%	121	19.4%	<b>101</b>	<b>16.2%</b>		0.0%		0.0%
1993	630	274	43.5%	159	25.2%	135	21.4%	<b>125</b>	<b>19.8%</b>	92	14.6%	74	11.7%
1994	662	269	40.6%	162	24.5%	113	17.1%	<b>97</b>	<b>14.7%</b>	82	12.4%	75	11.3%
1995	681	290	42.6%	202	29.7%	148	21.7%	<b>126</b>	<b>18.5%</b>	100	14.7%	83	12.2%
1996	674	261	38.7%	147	21.8%	127	18.8%	<b>111</b>	<b>16.5%</b>	95	14.1%	78	11.6%
1997	740	334	45.1%	165	22.3%	131	17.7%	<b>120</b>	<b>16.2%</b>	101	13.6%	87	11.8%
1998	692	285	41.2%	151	21.8%	131	18.9%	<b>116</b>	<b>16.8%</b>	95	13.7%	79	11.4%
1999	692	277	40.0%	147	21.2%	123	17.8%	<b>106</b>	<b>15.3%</b>	92	13.3%	75	10.8%
2000	665	279	42.0%	171	25.7%	122	18.3%	<b>104</b>	<b>15.6%</b>	92	13.8%	78	11.7%
<b>2001</b>	<b>721</b>	<b>280</b>	<b>38.8%</b>	<b>142</b>	<b>19.7%</b>	<b>127</b>	<b>17.6%</b>	<b>112</b>	<b>15.5%</b>	<b>93</b>	<b>12.9%</b>	<b>80</b>	<b>11.1%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-6 MANHATTAN

**LOCATION:** S-288, SOUTH OF I-90 INTERCHANGE RP 0.9

**YEAR:** 2001

**LARGE TRUCKS:** 3.4%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	590	772	886	848	842	942	841	817	837	97.64%	85.33%
FEBRUARY	592	826	811	859	837	921	789	805	833	96.61%	84.05%
MARCH	730	908	960	1010	959	1040	856	923	959	96.25%	96.40%
APRIL	780	1069	1055	1090	1042	1055	933	1003	1064	94.31%	104.77%
MAY	881	1036	1158	1121	1185	1141	993	1074	1125	95.43%	112.09%
JUNE	768	1028	1032	1063	1100	1149	993	1019	1056	96.52%	126.70%
JULY	863	1063	1094	982	1044	1084	909	1006	1046	96.16%	125.03%
AUGUST	838	1078	1106	1068	1094	1122	1110	1059	1087	97.51%	131.72%
SEPTEMBER	784	1024	1159	1071	1188	1140	1163	1076	1111	96.85%	133.73%
OCTOBER	712	1056	1078	1068	1052	1098	1071	1019	1064	95.84%	126.73%
NOVEMBER	645	952	946	920	910	1018	820	887	932	95.20%	110.32%
DECEMBER	578	819	820	887	921	880	725	804	862	93.33%	100.00%
DAILY AVG. FOR YEAR	730	969	1009	999	1015	1049	934	958	998	95.98%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-6

**ROUTE:** S-288 (C000288)

**FUNCTIONAL CLASS:** MAJOR COLLECTOR

**TRAFFIC TYPE:** SECONDARY - RURAL

YEAR	ADT	HIGHEST HOUR		10TH		20TH		** DHV 30TH		50TH		100TH	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3%	50	19.6%	44	17.3%	<b>42</b>	<b>16.5%</b>		0.0%		0.0%
1951	348		0.0%		0.0%		0.0%	<b>52</b>	<b>14.9%</b>		0.0%		0.0%
1961	328	144	43.9%	64	19.5%	51	15.5%	<b>47</b>	<b>14.3%</b>		0.0%		0.0%
1981	496	105	21.2%	73	14.7%	66	13.3%	<b>63</b>	<b>12.7%</b>		0.0%		0.0%
1991	625	104	16.6%	82	13.1%	79	12.6%	<b>76</b>	<b>12.2%</b>		0.0%		0.0%
1992	664	147	22.1%	93	14.0%	86	13.0%	<b>82</b>	<b>12.3%</b>		0.0%		0.0%
1993	710	128	18.0%	102	14.4%	94	13.2%	<b>89</b>	<b>12.5%</b>	86	12.1%	80	11.3%
1994	797	149	18.7%	120	15.1%	114	14.3%	<b>103</b>	<b>12.9%</b>	97	12.2%	90	11.3%
1995	840	168	20.0%	127	15.1%	114	13.6%	<b>106</b>	<b>12.6%</b>	99	11.8%	93	11.1%
1996	819	151	18.4%	124	15.1%	115	14.0%	<b>109</b>	<b>13.3%</b>	101	12.3%	95	11.6%
1997	852	203	23.8%	123	14.4%	114	13.4%	<b>110</b>	<b>12.9%</b>	103	12.1%	95	11.2%
1998	940	176	18.7%	138	14.7%	132	14.0%	<b>128</b>	<b>13.6%</b>	121	12.9%	111	11.8%
1999	986	250	25.4%	148	15.0%	135	13.7%	<b>131</b>	<b>13.3%</b>	122	12.4%	113	11.5%
2000	948	158	16.7%	128	13.5%	124	13.1%	<b>120</b>	<b>12.7%</b>	114	12.0%	105	11.1%
<b>2001</b>	<b>958</b>	<b>163</b>	<b>17.0%</b>	<b>137</b>	<b>14.3%</b>	<b>126</b>	<b>13.2%</b>	<b>122</b>	<b>12.7%</b>	<b>116</b>	<b>12.1%</b>	<b>107</b>	<b>11.2%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-8 RAVALLI

**YEAR:** 2001

**LOCATION:** US 93, 0.5 MILES SOUTH OF RAVALLI RP 26.3

**LARGE TRUCKS:**

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	3963	4907	5342	5486	5422	5956	5059	5162	5289	97.60%	0.00%
FEBRUARY	4277	5208	5235	5416	4775	6147	5460	5217	5159	101.13%	0.00%
MARCH	5324	5576	5705	5808	6027	6881	6305	5947	5779	102.90%	0.00%
APRIL	5914	5696	5757	5877	6176	7205	6636	6180	5877	105.17%	0.00%
MAY	6409	0	6125	6091	6395	0	7529	6510	6204	104.93%	0.00%
JUNE	PULLED MAY 9, 2001										
JULY											
AUGUST											
SEPTEMBER											
OCTOBER											
NOVEMBER											
DECEMBER											
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-8

**ROUTE:** N-5 (C000005)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6%	200	23.6%	167	19.7%	153	18.0%		0.0%		0.0%
1951	1357		0.0%		0.0%		0.0%	224	16.5%		0.0%		0.0%
1961	1811	527	29.1%	305	16.8%	281	15.5%	271	15.0%		0.0%		0.0%
1971	2922	551	18.9%	462	15.8%	425	14.5%	414	14.2%		0.0%		0.0%
1981	3932	638	16.2%	553	14.1%	529	13.5%	515	13.1%		0.0%		0.0%
1991	5178	744	14.4%	674	13.0%	663	12.8%	648	12.5%		0.0%		0.0%
1992	5814	962	16.5%	834	14.3%	770	13.2%	745	12.8%		0.0%		0.0%
1993	6114	999	16.3%	863	14.1%	794	13.0%	773	12.6%	744	12.2%	710	11.6%
1994	6451	922	14.3%	856	13.3%	812	12.6%	784	12.2%	764	11.8%	732	11.3%
1995	6637	936	14.1%	853	12.9%	828	12.5%	806	12.1%	775	11.7%	740	11.1%
1996	6545	1029	15.7%	913	13.9%	865	13.2%	836	12.8%	819	12.5%	773	11.8%
1997	6592	1141	17.3%	922	14.0%	858	13.0%	841	12.8%	803	12.2%	746	11.3%
1998	6681	1112	16.6%	945	14.1%	858	12.8%	836	12.5%	791	11.8%	738	11.0%
1999	6954	1039	14.9%	909	13.1%	865	12.4%	843	12.1%	803	11.5%	769	11.1%
2000	6943	982	14.1%	882	12.7%	843	12.1%	828	11.9%	808	11.6%	769	11.1%

REPLACED WITH A-105

\*\* DESIGN HOUR VOLUME

FILE: S:\ATRV\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-9 VAUGHN

**LOCATION:** I-15, 7 MILES WEST OF GREAT FALLS RP 287.1

**YEAR:** 2001

**LARGE TRUCKS:** 9.7%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	5357	6671	7039	6876	7272	7423	6990	6804	6965	97.70%	82.64%
FEBRUARY	5925	7060	6907	7234	7378	8372	7521	7200	7145	100.77%	87.44%
MARCH	6976	7707	8011	7678	8354	8930	8144	7971	7938	100.43%	96.81%
APRIL	7322	8034	7620	8007	8521	9714	8426	8235	8046	102.35%	100.01%
MAY	7262	7978	8125	8256	8738	9969	8688	8431	8274	101.89%	102.39%
JUNE	7667	8518	8621	8928	9348	9894	8677	8808	8854	99.48%	106.97%
JULY	8502	9394	9488	9094	9707	10182	8976	9335	9421	99.09%	113.37%
AUGUST	8465	9295	9208	9685	9699	10826	9204	9483	9472	100.12%	115.17%
SEPTEMBER	7451	8202	8320	8423	8690	9512	8844	8492	8409	100.99%	103.13%
OCTOBER	6980	8356	8423	8660	8875	9784	8385	8495	8579	99.02%	103.17%
NOVEMBER	6599	7526	7733	8326	7780	9073	8050	7870	7841	100.36%	95.58%
DECEMBER	6414	7225	6955	7934	8140	8817	8293	7683	7564	101.57%	93.31%
DAILY AVG. FOR YEAR	7077	7997	8038	8258	8542	9375	8350	8234	8209	100.30%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-9

**ROUTE:** I-15 (C000015)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - URBAN

YEAR	ADT	HIGHEST HOUR		10TH		20TH		** DHV 30TH		50TH		100TH	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6%	224	15.0%	207	13.9%	195	13.1%		0.0%		0.0%
1951	2497		0.0%		0.0%		0.0%	307	12.3%		0.0%		0.0%
1961	3613	692	19.2%	455	12.6%	420	11.6%	411	11.4%		0.0%		0.0%
1971	4789	675	14.1%	590	12.3%	538	11.2%	520	10.9%		0.0%		0.0%
1981	5209	681	13.1%	596	11.4%	579	11.1%	562	10.8%		0.0%		0.0%
1991	6862	880	12.8%	794	11.6%	776	11.3%	763	11.1%		0.0%		0.0%
1992	7291	918	12.6%	862	11.8%	805	11.0%	786	10.8%		0.0%		0.0%
1993	7275	899	12.4%	825	11.3%	798	11.0%	778	10.7%	756	10.4%	724	10.0%
1994	7414	960	12.9%	838	11.3%	816	11.0%	810	10.9%	788	10.6%	745	10.0%
1995	7743	987	12.7%	887	11.5%	866	11.2%	842	10.9%	803	10.4%	765	9.9%
1996	7763	1002	12.9%	895	11.5%	862	11.1%	847	10.9%	827	10.7%	785	10.1%
1997	8032	1036	12.9%	921	11.5%	895	11.1%	861	10.7%	841	10.5%	800	10.0%
1998	8240	1005	12.2%	920	11.2%	897	10.9%	875	10.6%	846	10.3%	808	9.8%
1999	8180	975	11.9%	908	11.1%	889	10.9%	862	10.5%	838	10.2%	800	9.8%
2000	8390	980	11.7%	936	11.2%	909	10.8%	897	10.7%	861	10.3%	825	9.8%
<b>2001</b>	<b>8234</b>	<b>951</b>	<b>11.5%</b>	<b>880</b>	<b>10.7%</b>	<b>862</b>	<b>10.5%</b>	<b>848</b>	<b>10.3%</b>	<b>817</b>	<b>9.9%</b>	<b>783</b>	<b>9.5%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-10 WOLF POINT

**YEAR:** 2001

**LOCATION:** US 2, 2 MILES EAST OF WOLF POINT RP 592.7

**LARGE TRUCKS:** 5.4%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1019	1718	2177	2102	2262	2271	1525	1868	2065	90.46%	82.63%
FEBRUARY	1115	2210	2255	2192	2318	2397	1612	2014	2244	89.77%	89.11%
MARCH	1315	2191	2284	2225	2465	2417	1806	2100	2291	91.67%	92.92%
APRIL	1401	2285	2229	2344	2544	2544	1868	2174	2351	92.47%	96.16%
MAY	1479	2255	2446	2485	2631	2702	1939	2277	2454	92.77%	100.72%
JUNE	1768	2679	2561	2679	2798	3079	2159	2532	2679	94.50%	112.01%
JULY	2007	2935	2847	2617	2982	3135	2318	2692	2845	94.60%	119.07%
AUGUST	1852	2817	2782	2879	2971	3064	2185	2650	2862	92.58%	117.24%
SEPTEMBER	1481	2354	2641	2674	2733	2702	2000	2369	2601	91.11%	104.82%
OCTOBER	1376	2445	2549	2592	2663	2754	1780	2308	2562	90.09%	102.12%
NOVEMBER	1272	2087	2434	2495	2204	2407	1681	2083	2305	90.36%	92.15%
DECEMBER	1277	2173	1956	2518	2418	2392	1674	2058	2266	90.82%	91.06%
DAILY AVG. FOR YEAR	1447	2346	2430	2484	2582	2655	1879	2260	2460	91.87%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-10

**ROUTE:** N-1 (C000001)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	HIGHEST HOUR		10TH		20TH		** DHV 30TH		50TH		100TH	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0%	102	20.3%	72	14.3%	<b>64</b>	<b>12.7%</b>		0.0%		0.0%
1951	920		0.0%		0.0%		0.0%	<b>109</b>	<b>11.8%</b>		0.0%		0.0%
1961	1347	218	16.2%	195	14.5%	164	12.2%	<b>150</b>	<b>11.1%</b>		0.0%		0.0%
1971	1648	305	18.5%	211	12.8%	198	12.0%	<b>191</b>	<b>11.6%</b>		0.0%		0.0%
1981	2471	340	13.8%	292	11.8%	284	11.5%	<b>273</b>	<b>11.0%</b>		0.0%		0.0%
1991	2154	316	14.7%	282	13.1%	270	12.5%	<b>263</b>	<b>12.2%</b>		0.0%		0.0%
1992	2236	327	14.6%	289	12.9%	282	12.6%	<b>277</b>	<b>12.4%</b>		0.0%		0.0%
1993	2273	337	14.8%	298	13.1%	292	12.8%	<b>285</b>	<b>12.5%</b>	274	12.1%	259	11.4%
1994	2268	377	16.6%	285	12.6%	280	12.3%	<b>274</b>	<b>12.1%</b>	267	11.8%	258	11.4%
1995	2255	309	13.7%	284	12.6%	275	12.2%	<b>269</b>	<b>11.9%</b>	260	11.5%	249	11.0%
1996	2239	305	13.6%	296	13.2%	289	12.9%	<b>286</b>	<b>12.8%</b>	279	12.5%	266	11.9%
1997	2229	300	13.5%	282	12.7%	275	12.3%	<b>270</b>	<b>12.1%</b>	265	11.9%	252	11.3%
1998	2279	334	14.7%	296	13.0%	286	12.5%	<b>278</b>	<b>12.2%</b>	270	11.8%	258	11.3%
1999	2314	324	14.0%	288	12.4%	279	12.1%	<b>275</b>	<b>11.9%</b>	266	11.5%	256	11.1%
2000	2254	392	17.4%	315	14.0%	299	13.3%	<b>291</b>	<b>12.9%</b>	279	12.4%	263	11.7%
<b>2001</b>	<b>2260</b>	<b>316</b>	<b>14.0%</b>	<b>283</b>	<b>12.5%</b>	<b>275</b>	<b>12.2%</b>	<b>268</b>	<b>11.9%</b>	<b>262</b>	<b>11.6%</b>	<b>253</b>	<b>11.2%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-12 LEWISTOWN

**YEAR:** 2001

**LOCATION:** US 87 & MT 200, 6 MILES WEST OF LEWISTOWN RP 76.3

**LARGE TRUCKS:** 7.1%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1405	1829	2068	1939	1970	2142	1654	1858	1952	95.22%	80.82%
FEBRUARY	1388	1850	1712	1658	1856	2152	1806	1775	1769	100.31%	77.19%
MARCH	1795	2062	2122	2023	2099	2229	1869	2028	2077	97.68%	88.23%
APRIL	1958	2223	2246	2161	2354	2592	2107	2234	2246	99.48%	97.19%
MAY	2214	2432	2521	2401	2563	2860	2355	2478	2479	99.95%	107.78%
JUNE	2469	2524	2511	2504	2709	2946	2594	2608	2562	101.80%	113.45%
JULY	2719	2719	2672	2606	2854	3107	2633	2759	2713	101.69%	119.99%
AUGUST	2626	2605	2565	2634	2708	3122	2555	2688	2628	102.28%	116.91%
SEPTEMBER	2565	2456	2366	2358	2408	2772	2517	2492	2397	103.95%	108.38%
OCTOBER	2150	2401	2358	2333	2470	2920	2479	2444	2391	102.26%	106.32%
NOVEMBER	2011	2136	2211	2427	2201	2583	2268	2262	2244	100.83%	98.41%
DECEMBER	1548	2008	1942	2184	2047	2190	1812	1962	2045	95.91%	85.32%
DAILY AVG. FOR YEAR	2071	2270	2275	2269	2353	2635	2221	2299	2292	100.32%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-12

**ROUTE:** N-57 (C000057)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	HIGHEST HOUR		10TH		20TH		** DHV 30TH		50TH		100TH	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8%	97	15.2%	90	14.1%	84	13.2%		0.0%		0.0%
1951	1132		0.0%		0.0%		0.0%	137	12.1%		0.0%		0.0%
1961	1491	194	13.0%	172	11.5%	167	11.2%	163	10.9%		0.0%		0.0%
1971	1498	315	21.0%	181	12.1%	171	11.4%	165	11.0%		0.0%		0.0%
1981	1698	247	14.5%	215	12.7%	201	11.8%	200	11.8%		0.0%		0.0%
1991	1874	274	14.6%	227	12.1%	219	11.7%	214	11.4%		0.0%		0.0%
1992	2008	260	12.9%	237	11.8%	228	11.4%	223	11.1%		0.0%		0.0%
1993	2062	272	13.2%	246	11.9%	236	11.4%	232	11.3%	225	10.9%	214	10.4%
1994	2152	296	13.8%	270	12.5%	257	11.9%	253	11.8%	245	11.4%	234	10.9%
1995	2292	307	13.4%	283	12.3%	272	11.9%	263	11.5%	256	11.2%	243	10.6%
1996	2362	356	15.1%	312	13.2%	289	12.2%	275	11.6%	263	11.1%	250	10.6%
1997	2249	318	14.1%	279	12.4%	268	11.9%	260	11.6%	251	11.2%	234	10.4%
1998	2213	329	14.9%	291	13.1%	269	12.2%	261	11.8%	248	11.2%	234	10.6%
1999	2304	363	15.8%	288	12.5%	272	11.8%	266	11.5%	260	11.3%	242	10.5%
2000	2312	353	15.3%	280	12.1%	271	11.7%	265	11.5%	252	10.9%	240	10.4%
<b>2001</b>	<b>2299</b>	<b>334</b>	<b>14.5%</b>	<b>279</b>	<b>12.1%</b>	<b>264</b>	<b>11.5%</b>	<b>250</b>	<b>10.9%</b>	<b>242</b>	<b>10.5%</b>	<b>232</b>	<b>10.1%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-13 BROOKS

**LOCATION:** US 191, 7 MILES NORTH OF LEWISTOWN RP 9.5

**YEAR:** 2001

**LARGE TRUCKS:** 3.6%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	894	1065	1239	1188	1168	1246	957	1108	1165	95.12%	81.48%
FEBRUARY	806	1183	892	995	1133	1122	1011	1020	1051	97.10%	75.02%
MARCH	1044	1234	1270	1184	1291	1282	1089	1199	1245	96.34%	88.17%
APRIL	1193	1290	1284	1221	1342	1474	1267	1296	1284	100.90%	95.28%
MAY	1288	1392	1409	1377	1485	1581	1412	1421	1416	100.34%	104.45%
JUNE	1451	1473	1463	1400	1541	1707	1585	1517	1469	103.26%	111.55%
JULY	1602	1561	1630	1607	1646	1764	1632	1635	1611	101.46%	120.19%
AUGUST	1385	1511	1495	1502	1584	1716	1448	1520	1523	99.81%	111.77%
SEPTEMBER	1417	1483	1448	1424	1432	1586	1592	1483	1447	102.52%	109.05%
OCTOBER	1357	1483	1481	1439	1498	1686	1549	1499	1475	101.61%	110.22%
NOVEMBER	1278	1314	1413	1469	1360	1545	1490	1410	1389	101.50%	103.67%
DECEMBER	982	1273	1194	1265	1286	1351	1135	1212	1255	96.63%	89.14%
DAILY AVG. FOR YEAR	1225	1355	1352	1339	1397	1505	1347	1360	1361	99.94%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-13

**ROUTE:** P-43 (C000043)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3%	83	20.4%	67	16.5%	<b>63</b>	<b>15.5%</b>		0.0%		0.0%
1951	593		0.0%		0.0%		0.0%	<b>85</b>	<b>14.3%</b>		0.0%		0.0%
1961	1239	212	17.1%	172	13.9%	166	13.4%	<b>162</b>	<b>13.1%</b>		0.0%		0.0%
1971	1083	161	14.9%	135	12.5%	131	12.1%	<b>127</b>	<b>11.7%</b>		0.0%		0.0%
1981	1223	157	12.8%	147	12.0%	141	11.5%	<b>137</b>	<b>11.2%</b>		0.0%		0.0%
1991	1215	274	22.6%	175	14.4%	161	13.3%	<b>150</b>	<b>12.3%</b>		0.0%		0.0%
1992	1284	191	14.9%	155	12.1%	146	11.4%	<b>144</b>	<b>11.2%</b>		0.0%		0.0%
1993	1302	193	14.8%	160	12.3%	153	11.8%	<b>150</b>	<b>11.5%</b>	143	11.0%	138	10.6%
1994	1329	188	14.1%	169	12.7%	159	12.0%	<b>155</b>	<b>11.7%</b>	150	11.3%	143	10.8%
1995	1330	194	14.6%	152	11.4%	149	11.2%	<b>147</b>	<b>11.1%</b>	142	10.7%	135	10.2%
1996	1327	198	14.9%	170	12.8%	160	12.1%	<b>154</b>	<b>11.6%</b>	148	11.2%	141	10.6%
1997	1302	177	13.6%	156	12.0%	151	11.6%	<b>146</b>	<b>11.2%</b>	142	10.9%	135	10.4%
1998	1311	220	16.8%	173	13.2%	163	12.4%	<b>155</b>	<b>11.8%</b>	148	11.3%	138	10.5%
2000	1367	186	13.6%	168	12.3%	157	11.5%	<b>154</b>	<b>11.3%</b>	149	10.9%	141	10.3%
<b>2001</b>	<b>1360</b>	<b>183</b>	<b>13.5%</b>	<b>164</b>	<b>12.1%</b>	<b>158</b>	<b>11.6%</b>	<b>152</b>	<b>11.2%</b>	<b>147</b>	<b>10.8%</b>	<b>140</b>	<b>10.3%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-14 DILLON

**LOCATION:** S-278, 7 MILES SOUTHWEST OF DILLON RP 3.4

**YEAR:** 2001

**LARGE TRUCKS:** 3.8%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	580	553	540	533	573	578	673	576	550	104.72%	74.29%
FEBRUARY	638	581	514	520	587	667	682	598	551	108.71%	77.22%
MARCH	636	532	570	544	570	649	598	586	554	105.70%	75.56%
APRIL	576	573	555	604	588	613	543	579	580	99.80%	74.69%
MAY	811	829	759	773	798	853	841	809	790	102.46%	104.41%
JUNE	891	892	872	874	926	957	948	909	891	101.97%	117.24%
JULY	1102	982	954	941	986	1027	1193	1026	966	106.28%	132.45%
AUGUST	995	963	940	981	1002	1058	1006	992	972	102.12%	128.02%
SEPTEMBER	917	981	862	909	909	959	1023	937	915	102.39%	120.93%
OCTOBER	806	836	799	843	834	936	987	863	828	104.23%	111.36%
NOVEMBER	813	736	751	773	761	864	898	799	755	105.85%	103.16%
DECEMBER	564	661	547	633	651	660	660	625	623	100.34%	80.67%
DAILY AVG. FOR YEAR	777	760	722	744	765	818	838	775	748	103.63%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-14

**ROUTE:** S-278 (C000278)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** SECONDARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4%	70	24.1%	49	16.9%	<b>47</b>	<b>16.2%</b>		0.0%		0.0%
1951	342		0.0%		0.0%		0.0%	<b>53</b>	<b>15.5%</b>		0.0%		0.0%
1961	311	63	20.3%	51	16.4%	47	15.1%	<b>45</b>	<b>14.5%</b>		0.0%		0.0%
1971	405	107	26.4%	74	18.3%	65	16.0%	<b>60</b>	<b>14.8%</b>		0.0%		0.0%
1981	435	144	33.1%	87	20.0%	73	16.8%	<b>66</b>	<b>15.2%</b>		0.0%		0.0%
*1991	452	119	26.3%	98	21.7%	86	19.0%	<b>80</b>	<b>17.7%</b>		0.0%		0.0%
*1992	651	138	21.2%	112	17.2%	90	13.8%	<b>82</b>	<b>12.6%</b>		0.0%		0.0%
1993	593	187	31.5%	132	22.3%	110	18.5%	<b>94</b>	<b>15.9%</b>	86	14.5%	78	13.2%
1994	644	166	25.8%	138	21.4%	118	18.3%	<b>104</b>	<b>16.1%</b>	92	14.3%	83	12.9%
1995	647	124	19.2%	97	15.0%	93	14.4%	<b>89</b>	<b>13.8%</b>	86	13.3%	80	12.4%
1996	711	191	26.9%	160	22.5%	145	20.4%	<b>128</b>	<b>18.0%</b>	103	14.5%	93	13.1%
1997	737	268	36.4%	172	23.3%	119	16.1%	<b>110</b>	<b>14.9%</b>	101	13.7%	91	12.3%
1998	767	181	23.6%	155	20.2%	119	15.5%	<b>108</b>	<b>14.1%</b>	100	13.0%	92	12.0%
1999	780	197	25.3%	156	20.0%	118	15.1%	<b>109</b>	<b>14.0%</b>	102	13.1%	94	12.1%
2000	775	189	24.4%	157	20.3%	148	19.1%	<b>141</b>	<b>18.2%</b>	130	16.8%	109	14.1%
<b>2001</b>	<b>775</b>	<b>191</b>	<b>24.6%</b>	<b>145</b>	<b>18.7%</b>	<b>118</b>	<b>15.2%</b>	<b>107</b>	<b>13.8%</b>	<b>99</b>	<b>12.8%</b>	<b>90</b>	<b>11.6%</b>

\*\* DESIGN HOUR VOLUME

\*ROAD CONSTRUCTION IN 1991,1992

FILE: S:\ATR\ATRBK\2001DESIGN1HOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-15 BONNER

**LOCATION:** MT 200, 4 MILES NORTHEAST OF BONNER RP 5.1

**YEAR:** 2001

**LARGE TRUCKS:** 5.0%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2555	3044	3283	3285	3214	3527	2998	3129	3207	97.60%	74.22%
FEBRUARY	2422	3063	3168	3249	3009	3463	2764	3020	3122	96.72%	71.62%
MARCH	2938	3052	3177	3146	3357	3670	3063	3200	3183	100.55%	75.91%
APRIL	3512	3399	3307	3353	3545	4109	3579	3543	3401	104.19%	84.04%
MAY	4647	4550	4264	4095	4454	5317	4911	4605	4341	106.10%	109.23%
JUNE	4922	4364	4329	4514	4880	5705	5322	4862	4522	107.53%	115.32%
JULY	6484	5407	5383	5939	5602	6132	6332	5897	5583	105.63%	139.86%
AUGUST	6803	5575	5471	5468	5707	6556	6094	5953	5555	107.17%	141.20%
SEPTEMBER	4816	4998	4374	4377	4552	5221	4928	4752	4575	103.87%	112.71%
OCTOBER	4146	4098	3980	4053	4251	4985	4366	4268	4096	104.22%	101.24%
NOVEMBER	4116	3782	3826	4819	3700	4762	4296	4186	4032	103.82%	99.28%
DECEMBER	2775	3101	2944	3395	3340	3444	3247	3178	3195	99.47%	75.37%
DAILY AVG. FOR YEAR	4178	4036	3959	4141	4134	4741	4325	4216	4068	103.66%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-15

**ROUTE:** N-24 (C000024)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.8%	119	40.8%	111	38.0%	102	34.9%		0.0%		0.0%
1951	492		0.0%		0.0%		0.0%	128	26.0%		0.0%		0.0%
1961	1231	311	25.3%	213	17.3%	201	16.3%	188	15.3%		0.0%		0.0%
1971	1811	399	22.0%	340	18.8%	321	17.7%	302	16.7%		0.0%		0.0%
1981	2392	505	21.1%	401	16.8%	376	15.7%	363	15.2%		0.0%		0.0%
1991	2731	563	20.6%	439	16.1%	422	15.5%	400	14.6%		0.0%		0.0%
1992	3141	567	18.1%	511	16.3%	480	15.3%	460	14.6%		0.0%		0.0%
1993	3110	609	19.6%	509	16.4%	476	15.3%	459	14.8%	426	13.7%	391	12.6%
1994	3350	613	18.3%	547	16.3%	521	15.6%	505	15.1%	479	14.3%	429	12.8%
1995	3660	643	17.6%	582	15.9%	559	15.3%	546	14.9%	518	14.2%	475	13.0%
1996	3650	714	19.6%	644	17.6%	624	17.1%	596	16.3%	566	15.5%	514	14.1%
1997	3754	758	20.2%	628	16.7%	586	15.6%	541	14.4%	524	14.0%	475	12.7%
1998	3979	767	19.3%	670	16.8%	626	15.7%	606	15.2%	564	14.2%	517	13.0%
1999	4118	723	17.6%	658	16.0%	623	15.1%	600	14.6%	576	14.0%	521	12.7%
2000	4191	833	19.9%	721	17.2%	667	15.9%	630	15.0%	601	14.3%	548	13.1%
<b>2001</b>	<b>4216</b>	<b>785</b>	<b>18.6%</b>	<b>658</b>	<b>15.6%</b>	<b>626</b>	<b>14.8%</b>	<b>602</b>	<b>14.3%</b>	<b>576</b>	<b>13.7%</b>	<b>537</b>	<b>12.7%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-16 BUTTE

**LOCATION:** I-15 & I-90, 3 MILES WEST OF BUTTE RP 123.6

**YEAR:** 2001

**LARGE TRUCKS:** 11.5%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	9301	10822	11982	11889	12180	13108	11342	11518	11718	98.29%	75.61%
FEBRUARY	10462	11642	11627	12165	12630	13215	12036	11968	12016	99.60%	78.56%
MARCH	12677	12385	13053	13251	13898	15404	14363	13576	13147	103.26%	89.12%
APRIL	13023	13275	13986	14013	14335	15933	13918	14069	13902	101.20%	92.36%
MAY	14818	15410	15236	15626	16538	18543	16795	16138	15703	102.77%	105.94%
JUNE	16275	16284	16505	17412	18622	20203	18683	17712	17206	102.94%	116.27%
JULY	19495	18810	19318	18830	20203	22168	20169	19856	19290	102.93%	130.34%
AUGUST	19720	18730	22350	19340	18123	21687	20075	20004	19636	101.87%	131.31%
SEPTEMBER	0	0	16114	16218	16782	0	0	16371	16371	100.00%	107.47%
OCTOBER	0	14115	14741	14224	0	0	0	14360	14360	100.00%	94.27%
NOVEMBER	12986	14110	14098	15920	13483	15494	14764	14408	14403	100.04%	94.58%
DECEMBER	11184	11819	10854	13897	13636	14527	13744	12809	12552	102.05%	84.08%
DAILY AVG. FOR YEAR	13994	14309	14989	15232	15494	17028	15589	15234	15006	101.52%	

DAYS WITH 0's INDICATE COUNTER FAILURE

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

STATION: A-16

ROUTE: I-90/I-15 (C000015/C000090)

FUNCTIONAL CLASS: PRINCIPAL ARTERIAL

TRAFFIC TYPE: INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	4027		0.0%		0.0%		0.0%	<b>507</b>	<b>12.6%</b>		0.0%		0.0%
1961	4495	619	13.8%	543	12.1%	543	12.1%	<b>513</b>	<b>11.4%</b>		0.0%		0.0%
1971	7123	884	12.4%	845	11.9%	845	11.9%	<b>817</b>	<b>11.5%</b>		0.0%		0.0%
1981	8566	1008	11.8%	974	11.4%	974	11.4%	<b>936</b>	<b>10.9%</b>		0.0%		0.0%
1991	11571	1414	12.2%	1362	11.8%	1362	11.8%	<b>1283</b>	<b>11.1%</b>		0.0%		0.0%
1992	12486	1480	11.9%	1432	11.5%	1432	11.5%	<b>1372</b>	<b>11.0%</b>		0.0%		0.0%
1993	12994	1647	12.7%	1531	11.8%	1531	11.8%	<b>1481</b>	<b>11.4%</b>	1436	11.1%	1381	10.6%
1994	14025	1790	12.8%	1620	11.6%	1620	11.6%	<b>1543</b>	<b>11.0%</b>	1506	10.7%	1459	10.4%
1995	14236	1712	12.0%	1640	11.5%	1640	11.5%	<b>1560</b>	<b>11.0%</b>	1529	10.7%	1470	10.3%
1996	13872	1715	12.4%	1633	11.8%	1633	11.8%	<b>1578</b>	<b>11.4%</b>	1544	11.1%	1469	10.6%
1997	15015	2147	14.3%	1931	12.9%	1931	12.9%	<b>1867</b>	<b>12.4%</b>	1800	12.0%	1673	11.1%
1998	15645	1852	11.8%	1777	11.4%	1777	11.4%	<b>1726</b>	<b>11.0%</b>	1674	10.7%	1623	10.4%
1999	15404	1858	12.1%	1753	11.4%	1753	11.4%	<b>1670</b>	<b>10.8%</b>	1638	10.6%	1587	10.3%
2000	15187	1851	12.2%	1751	11.5%	1690	11.1%	<b>1647</b>	<b>10.8%</b>	1607	10.6%	1548	10.2%
<b>2001</b>	<b>15234</b>	<b>1809</b>	<b>11.9%</b>	<b>1714</b>	<b>11.3%</b>	<b>1654</b>	<b>10.9%</b>	<b>1623</b>	<b>10.7%</b>	<b>1589</b>	<b>10.4%</b>	<b>1534</b>	<b>10.1%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-17 LIMA

**LOCATION:** I-15, 6.8 MILES NORTH OF LIMA RP 22.3

**YEAR:** 2001

**LARGE TRUCKS:** 28.0%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1799	1882	1983	2013	2028	2043	1987	1962	1977	99.27%	74.19%
FEBRUARY	1908	1921	1918	2043	2054	2212	1953	2001	1984	100.87%	75.67%
MARCH	2602	2170	2178	2404	2528	2818	2669	2481	2320	106.95%	93.82%
APRIL	2689	2452	2360	2573	2727	3012	2468	2612	2528	103.31%	98.75%
MAY	2680	2591	2306	2480	2692	3094	2480	2618	2517	103.99%	98.98%
JUNE	3113	2750	2629	2936	3013	3374	3126	2992	2832	105.63%	113.12%
JULY	4098	3259	3174	3120	3543	3861	3742	3542	3274	108.20%	133.95%
AUGUST	3942	3226	2959	3182	3434	3977	3570	3470	3200	108.43%	131.21%
SEPTEMBER	2877	2782	2482	2577	2813	3069	2847	2778	2664	104.30%	105.05%
OCTOBER	2813	2534	2424	2489	2748	3032	2678	2674	2549	104.91%	101.11%
NOVEMBER	2918	2219	2338	2685	2108	2378	2639	2469	2338	105.64%	93.37%
DECEMBER	2034	1604	1620	2248	2352	2607	2487	2136	1956	109.20%	80.77%
DAILY AVG. FOR YEAR	2789	2449	2364	2563	2670	2956	2721	2645	2511	105.30%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

STATION: A-17

ROUTE: I-15 (C000015)

FUNCTIONAL CLASS: PRINCIPAL ARTERIAL

TRAFFIC TYPE: INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	388		0.0%		0.0%		0.0%	<b>46</b>	<b>11.9%</b>		0.0%		0.0%
1961	593	86	14.5%	75	12.6%	72	12.1%	<b>68</b>	<b>11.5%</b>		0.0%		0.0%
1971	785	153	19.5%	113	14.4%	109	13.9%	<b>106</b>	<b>13.5%</b>		0.0%		0.0%
1981	1251	187	14.9%	171	13.7%	162	12.9%	<b>157</b>	<b>12.5%</b>		0.0%		0.0%
1991	1804	326	18.1%	280	15.5%	253	14.0%	<b>244</b>	<b>13.5%</b>		0.0%		0.0%
1992	1961	391	19.9%	292	14.9%	272	13.9%	<b>261</b>	<b>13.3%</b>		0.0%		0.0%
1993	2070	358	17.3%	317	15.3%	302	14.6%	<b>292</b>	<b>14.1%</b>	276	13.3%	259	12.5%
1994	2123	396	18.7%	339	16.0%	303	14.3%	<b>287</b>	<b>13.5%</b>	276	13.0%	254	12.0%
1995	2234	368	16.5%	323	14.5%	307	13.7%	<b>298</b>	<b>13.3%</b>	283	12.7%	262	11.7%
1996	2246	456	20.3%	380	16.9%	357	15.9%	<b>324</b>	<b>14.4%</b>	306	13.6%	286	12.7%
1997	2432	458	18.8%	393	16.2%	350	14.4%	<b>334</b>	<b>13.7%</b>	313	12.9%	290	11.9%
1998	2515	542	21.6%	389	15.5%	364	14.5%	<b>338</b>	<b>13.4%</b>	324	12.9%	297	11.8%
1999	2595	491	18.9%	377	14.5%	355	13.7%	<b>346</b>	<b>13.3%</b>	330	12.7%	305	11.8%
2000	2637	479	18.2%	395	15.0%	370	14.0%	<b>358</b>	<b>13.6%</b>	344	13.0%	318	12.1%
<b>2001</b>	<b>2645</b>	<b>498</b>	<b>18.8%</b>	<b>400</b>	<b>15.1%</b>	<b>376</b>	<b>14.2%</b>	<b>359</b>	<b>13.6%</b>	<b>335</b>	<b>12.7%</b>	<b>308</b>	<b>11.6%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-18 WEST YELLOWSTONE

**YEAR:** 2001

**LOCATION:** US 20, 0.5 MILES WEST OF WEST YELLOWSTONE RP 4.2

**LARGE TRUCKS:** 11.2%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1267	1341	1285	1250	1295	1434	1300	1310	1293	101.36%	49.85%
FEBRUARY	1572	1433	1309	1365	1432	1696	1561	1481	1385	106.96%	56.35%
MARCH	1898	1327	1349	1358	1527	1733	1799	1570	1390	112.94%	59.74%
APRIL	1576	1376	1325	1417	1384	1603	1412	1442	1376	104.82%	54.86%
MAY	3027	2732	2251	2283	2473	2851	3034	2664	2435	109.43%	101.37%
JUNE	4080	3936	3954	4015	4346	4658	4860	4264	4063	104.96%	162.24%
JULY	5689	5576	5457	5418	5698	6197	6316	5764	5537	104.10%	219.32%
AUGUST	5154	4666	4540	4710	4772	5532	6091	5066	4672	108.44%	192.76%
SEPTEMBER	3679	3503	3015	3071	3248	3501	4051	3438	3209	107.14%	130.82%
OCTOBER	2006	1880	1824	1825	2106	2376	2357	2053	1909	107.58%	78.13%
NOVEMBER	1324	1217	1272	1373	1153	1378	1442	1308	1254	104.36%	49.78%
DECEMBER	1183	1117	923	1198	1218	1354	1243	1177	1114	105.62%	44.77%
DAILY AVG. FOR YEAR	2705	2509	2375	2440	2554	2859	2956	2628	2470	106.42%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-18

**ROUTE:** N-12 (C000012)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RECREATIONAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	529		0.0%		0.0%		0.0%	131	24.8%		0.0%		0.0%
1971	1262	384	30.4%	328	26.0%	312	24.7%	286	22.7%		0.0%		0.0%
1981	1618	421	26.0%	360	22.2%	345	21.3%	336	20.8%		0.0%		0.0%
1991	2096	497	23.7%	453	21.6%	438	20.9%	429	20.5%		0.0%		0.0%
1992	2298	536	23.3%	474	20.6%	457	19.9%	450	19.6%		0.0%		0.0%
1993	2376	564	23.7%	506	21.3%	494	20.8%	477	20.1%	456	19.2%	432	18.2%
1994	2573	608	23.6%	539	20.9%	527	20.5%	513	19.9%	497	19.3%	469	18.2%
1995	2682	626	23.3%	575	21.4%	557	20.8%	542	20.2%	517	19.3%	479	17.9%
1996	2592	592	22.8%	560	21.6%	530	20.4%	512	19.8%	497	19.2%	476	18.4%
1997	2571	547	21.3%	524	20.4%	515	20.0%	502	19.5%	484	18.8%	456	17.7%
1998	2645	605	22.9%	550	20.8%	531	20.1%	514	19.4%	498	18.8%	471	17.8%
1999	2699	613	22.7%	566	21.0%	541	20.0%	532	19.7%	511	18.9%	483	17.9%
2000	2668	655	24.6%	599	22.5%	573	21.5%	560	21.0%	534	20.0%	485	18.2%
<b>2001</b>	<b>2628</b>	<b>586</b>	<b>22.3%</b>	<b>521</b>	<b>19.8%</b>	<b>502</b>	<b>19.1%</b>	<b>494</b>	<b>18.8%</b>	<b>475</b>	<b>18.1%</b>	<b>452</b>	<b>17.2%</b>



**AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-19 DUCK CREEK

**YEAR:** 2001

**LOCATION:** US 191 & US 287, 7.7 MILES NORTH OF WEST YELLOWSTONE RP 7.8

**LARGE TRUCKS:** 11.5%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1410	1540	1518	1525	1532	1592	1506	1518	1529	99.27%	64.88%
FEBRUARY	1673	1564	1509	1641	1605	1763	1647	1629	1580	103.11%	69.63%
MARCH	2009	1497	1555	1670	1744	1858	1886	1746	1617	107.98%	74.62%
APRIL	1608	1430	1478	1581	1568	1690	1518	1553	1514	102.58%	66.40%
MAY	2435	2298	2016	2192	2283	2472	2410	2301	2197	104.72%	98.36%
JUNE	3144	3048	3046	3077	3299	3459	3418	3213	3118	103.06%	137.36%
JULY	4351	4038	4069	3858	4347	4522	4235	4203	4078	103.06%	179.67%
AUGUST	4248	3803	3743	3821	3937	4303	4363	4031	3826	105.36%	172.33%
SEPTEMBER	3079	3120	2709	2885	2894	3041	3195	2989	2902	103.00%	127.78%
OCTOBER	1943	1850	1829	1860	2079	2329	2231	2017	1905	105.92%	86.24%
NOVEMBER	1550	1376	1428	1569	1353	1525	1563	1481	1432	103.43%	63.29%
DECEMBER	1346	1271	1126	1484	1505	1533	1466	1390	1347	103.24%	59.43%
DAILY AVG. FOR YEAR	2400	2236	2169	2264	2346	2507	2453	2339	2254	103.80%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-19

**ROUTE:** N-50 (C000050)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RECREATIONAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	468		0.0%		0.0%		0.0%	<b>120</b>	<b>25.6%</b>		0.0%		0.0%
1961	802	285	35.5%	220	27.4%	212	26.4%	<b>204</b>	<b>25.4%</b>		0.0%		0.0%
1971	1142	301	26.4%	258	22.6%	244	21.4%	<b>227</b>	<b>19.9%</b>		0.0%		0.0%
1981	1481	383	25.9%	303	20.5%	288	19.4%	<b>284</b>	<b>19.2%</b>		0.0%		0.0%
1991	1889	387	20.5%	357	18.9%	343	18.2%	<b>336</b>	<b>17.8%</b>		0.0%		0.0%
1992	2056	365	17.8%	346	16.8%	337	16.4%	<b>331</b>	<b>16.1%</b>		0.0%		0.0%
1993	2148	399	18.6%	376	17.5%	362	16.9%	<b>354</b>	<b>16.5%</b>	346	16.1%	331	15.4%
1994	2320	429	18.5%	392	16.9%	383	16.5%	<b>376</b>	<b>16.2%</b>	369	15.9%	353	15.2%
1995	2358	445	18.9%	405	17.2%	391	16.6%	<b>379</b>	<b>16.1%</b>	364	15.4%	350	14.8%
1996	2287	434	19.0%	398	17.4%	389	17.0%	<b>378</b>	<b>16.5%</b>	368	16.1%	356	15.6%
1997	2314	424	18.3%	400	17.3%	384	16.6%	<b>376</b>	<b>16.2%</b>	364	15.7%	346	15.0%
1998	2367	493	20.8%	409	17.3%	395	16.7%	<b>383</b>	<b>16.2%</b>	371	15.7%	350	14.8%
1999	2383	441	18.5%	392	16.4%	379	15.9%	<b>371</b>	<b>15.6%</b>	363	15.2%	348	14.6%
2000	2348	428	18.2%	398	17.0%	376	16.0%	<b>368</b>	<b>15.7%</b>	360	15.3%	344	14.7%
<b>2001</b>	<b>2339</b>	<b>427</b>	<b>18.3%</b>	<b>392</b>	<b>16.8%</b>	<b>370</b>	<b>15.8%</b>	<b>363</b>	<b>15.5%</b>	<b>353</b>	<b>15.1%</b>	<b>335</b>	<b>14.3%</b>



**AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-20 CARBELLA

**LOCATION:** US 89, 17.0 MILES NORTH OF GARDINER RP 16.8

**YEAR:** 2001

**LARGE TRUCKS:** 2.3%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	950	1015	842	869	1009	1132	1256	1010	934	108.21%	63.90%
FEBRUARY	1025	979	820	855	929	1096	1243	992	896	110.79%	62.76%
MARCH	955	940	933	950	994	1072	1081	989	954	103.67%	62.56%
APRIL	1096	1030	1010	1060	1109	1177	1177	1094	1052	103.98%	69.19%
MAY	1658	1601	1494	1487	1582	1746	1853	1632	1541	105.88%	103.18%
JUNE	2235	2187	2071	2152	2347	2391	2545	2275	2189	103.94%	143.90%
JULY	2806	2622	2757	2685	2891	3059	2964	2826	2739	103.20%	178.74%
AUGUST	2819	2744	2653	2642	2701	2903	2874	2762	2685	102.88%	174.69%
SEPTEMBER	2114	2007	1961	1901	1980	2107	2257	2047	1962	104.30%	129.44%
OCTOBER	1303	1336	1212	1288	1366	1530	1650	1384	1301	106.39%	87.50%
NOVEMBER	947	983	960	971	1000	1182	1230	1039	979	106.18%	65.71%
DECEMBER	769	924	823	953	1006	1019	974	924	927	99.73%	58.43%
DAILY AVG. FOR YEAR	1556	1531	1461	1484	1576	1701	1759	1581	1513	104.50%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-20

**ROUTE:** N-11 (C000011)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RECREATIONAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	386		0.0%		0.0%		0.0%	<b>91</b>	<b>23.6%</b>		0.0%		0.0%
1971	655	167	25.5%	144	22.0%	134	20.5%	<b>131</b>	<b>20.0%</b>		0.0%		0.0%
1981	932	198	21.2%	178	19.1%	173	18.6%	<b>169</b>	<b>18.1%</b>		0.0%		0.0%
1991	1440	326	22.6%	282	19.6%	250	17.4%	<b>238</b>	<b>16.5%</b>		0.0%		0.0%
1992	1591	290	18.2%	262	16.5%	254	16.0%	<b>250</b>	<b>15.7%</b>		0.0%		0.0%
1993	1637	339	20.7%	283	17.3%	266	16.2%	<b>261</b>	<b>15.9%</b>	252	15.4%	240	14.7%
1994	1716	368	21.4%	278	16.2%	275	16.0%	<b>272</b>	<b>15.9%</b>	263	15.3%	249	14.5%
1995	1784	309	17.3%	287	16.1%	279	15.6%	<b>270</b>	<b>15.1%</b>	259	14.5%	248	13.9%
1996	1745	318	18.2%	274	15.7%	268	15.4%	<b>262</b>	<b>15.0%</b>	255	14.6%	242	13.9%
1997	1642	280	17.1%	259	15.8%	253	15.4%	<b>247</b>	<b>15.0%</b>	239	14.6%	228	13.9%
1998	1627	327	20.1%	265	16.3%	256	15.7%	<b>251</b>	<b>15.4%</b>	240	14.8%	229	14.1%
1999	1650	283	17.2%	261	15.8%	257	15.6%	<b>252</b>	<b>15.3%</b>	246	14.9%	237	14.4%
2000	1574	290	18.4%	267	17.0%	253	16.1%	<b>248</b>	<b>15.8%</b>	240	15.2%	226	14.4%
<b>2001</b>	<b>1581</b>	<b>290</b>	<b>18.3%</b>	<b>256</b>	<b>16.2%</b>	<b>248</b>	<b>15.7%</b>	<b>245</b>	<b>15.5%</b>	<b>238</b>	<b>15.1%</b>	<b>228</b>	<b>14.4%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-21 HELENA

**YEAR:** 2001

**LOCATION:** US 12, ON MONTANA AVENUE BETWEEN BILLINGS AND MISSOULA IN HELENA

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	13533	19113	22162	22158	22180	24191	18424	20252	21403	94.62%	91.99%
FEBRUARY	13779	21269	22330	22963	21983	24016	18968	20758	22136	93.78%	94.30%
MARCH	15039	22456	22988	22949	23434	25096	20161	21732	22957	94.66%	98.72%
APRIL	14777	22803	23617	23830	24345	26039	20720	22304	23649	94.32%	101.32%
MAY	15635	21672	24293	24598	25493	27315	20765	22824	24014	95.05%	103.68%
JUNE	16087	25049	24909	25441	25780	27604	21237	23730	25295	93.81%	107.79%
JULY	16472	25409	26225	14114	25237	27177	20898	22219	22746	97.68%	100.93%
AUGUST	15845	24915	22987	25421	25407	26620	19551	22964	24683	93.04%	104.32%
SEPTEMBER	16041	23420	0	24144	24775	26977	20962	22720	24113	94.22%	103.21%
OCTOBER	14460	22992	23595	24415	24252	25890	19965	22224	23814	93.33%	100.96%
NOVEMBER	14156	22013	23113	23590	20684	25059	19349	21138	22350	94.58%	96.02%
DECEMBER	15166	22266	19538	23387	23683	24981	19558	21226	22219	95.53%	96.42%
DAILY AVG. FOR YEAR	15083	22781	23251	23084	23938	25914	20047	22014	23263	94.63%	

DAYS WITH 0's INDICATE COUNTER FAILURE

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-21

**ROUTE:** N-8 (C000008)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1957	6730		0.0%		0.0%		0.0%	<b>700</b>	<b>10.4%</b>		0.0%		0.0%
1961	7971	881	11.1%	846	10.6%	832	10.4%	<b>832</b>	<b>10.4%</b>		0.0%		0.0%
1971	13549	1656	12.2%	1538	11.4%	1507	11.1%	<b>1507</b>	<b>11.1%</b>		0.0%		0.0%
1981	18124	2208	12.2%	1979	10.9%	1916	10.6%	<b>1891</b>	<b>10.4%</b>		0.0%		0.0%
1991	20323	2577	12.7%	2195	10.8%	2159	10.6%	<b>2112</b>	<b>10.4%</b>		0.0%		0.0%
1992	20839	2382	11.4%	2258	10.8%	2198	10.5%	<b>2168</b>	<b>10.4%</b>		0.0%		0.0%
1993	20941	2338	11.2%	2230	10.6%	2203	10.5%	<b>2165</b>	<b>10.3%</b>	2126	10.2%	2075	9.9%
1994	21552	2393	11.1%	2254	10.5%	2217	10.3%	<b>2189</b>	<b>10.2%</b>	2153	10.0%	2109	9.8%
1995	21531	2408	11.2%	2262	10.5%	2195	10.2%	<b>2173</b>	<b>10.1%</b>	2141	9.9%	2094	9.7%
1996	21443	2406	11.2%	2314	10.8%	2259	10.5%	<b>2223</b>	<b>10.4%</b>	2184	10.2%	2138	10.0%
1997	21926	2438	11.1%	2299	10.5%	2264	10.3%	<b>2225</b>	<b>10.1%</b>	2197	10.0%	2149	9.8%
1998	21998	2433	11.1%	2328	10.6%	2279	10.4%	<b>2252</b>	<b>10.2%</b>	2221	10.1%	2162	9.8%
1999	22347	2462	11.0%	2302	10.3%	2269	10.2%	<b>2229</b>	<b>10.0%</b>	2203	9.9%	2158	9.7%
2000	22131	2520	11.4%	2302	10.4%	2236	10.1%	<b>2204</b>	<b>10.0%</b>	2182	9.9%	2141	9.7%
<b>2001</b>	<b>22014</b>	<b>2507</b>	<b>11.4%</b>	<b>2280</b>	<b>10.4%</b>	<b>2235</b>	<b>10.2%</b>	<b>2210</b>	<b>10.0%</b>	<b>2180</b>	<b>9.9%</b>	<b>2134</b>	<b>9.7%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-22 MILES CITY

**LOCATION:** MT 59, 20.0 MILES NORTH OF MILES CITY RP 14.0

**YEAR:** 2001

**LARGE TRUCKS:** 9.2%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	179	247	281	239	255	305	247	250	256	98.02%	73.91%
FEBRUARY	207	268	268	180	251	321	305	257	242	106.37%	75.90%
MARCH	237	305	287	255	275	341	246	278	281	99.11%	82.05%
APRIL	268	324	324	315	318	377	281	315	320	98.45%	93.06%
MAY	361	391	350	346	387	466	377	383	369	103.82%	112.92%
JUNE	357	363	350	325	358	417	339	358	349	102.70%	105.79%
JULY	387	390	383	366	402	441	353	389	385	100.94%	114.77%
AUGUST	398	402	390	364	397	487	383	403	388	103.80%	118.95%
SEPTEMBER	315	374	354	339	339	393	332	349	352	99.41%	103.13%
OCTOBER	418	403	410	336	404	470	447	413	388	106.26%	121.77%
NOVEMBER	340	395	379	353	351	458	411	384	370	103.89%	113.30%
DECEMBER	241	284	287	306	297	318	270	286	294	97.49%	84.46%
DAILY AVG. FOR YEAR	309	346	339	310	336	400	333	339	333	101.85%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-22

**ROUTE:** P-18 (C000018)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1989	281	76	27.0%	58	20.6%	54	19.2%	<b>51</b>	<b>18.1%</b>		0.0%		0.0%
1991	265	58	21.9%	43	16.2%	40	15.1%	<b>39</b>	<b>14.7%</b>		0.0%		0.0%
1992	253	93	36.8%	46	18.2%	43	17.0%	<b>41</b>	<b>16.2%</b>		0.0%		0.0%
1993	300	84	28.0%	63	21.0%	60	20.0%	<b>56</b>	<b>18.7%</b>	51	17.0%	42	14.0%
1994	304	119	39.1%	67	22.0%	58	19.1%	<b>53</b>	<b>17.4%</b>	48	15.8%	44	14.5%
1995	305	108	35.4%	59	19.3%	53	17.4%	<b>50</b>	<b>16.4%</b>	47	15.4%	41	13.4%
1996	303	64	21.1%	52	17.2%	50	16.5%	<b>47</b>	<b>15.5%</b>	44	14.5%	41	13.5%
1997	377	94	24.9%	64	17.0%	61	16.2%	<b>58</b>	<b>15.4%</b>	56	14.9%	52	13.8%
1998	345	82	23.8%	53	15.4%	51	14.8%	<b>48</b>	<b>13.9%</b>	46	13.3%	42	12.2%
1999	349	64	18.3%	52	14.9%	47	13.5%	<b>46</b>	<b>13.2%</b>	44	12.6%	42	12.0%
2000	337	68	20.2%	51	15.1%	49	14.5%	<b>46</b>	<b>13.6%</b>	43	12.8%	41	12.2%
<b>2001</b>	<b>339</b>	<b>68</b>	<b>20.1%</b>	<b>56</b>	<b>16.5%</b>	<b>51</b>	<b>15.0%</b>	<b>48</b>	<b>14.2%</b>	<b>45</b>	<b>13.3%</b>	<b>41</b>	<b>12.1%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-23 HARLEM

**LOCATION:** S-241, 2.5 MILES NORTH OF HARLEM RP 1.9

**YEAR:** 2001

**LARGE TRUCKS:** 7.9%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	196	315	381	350	392	393	251	325	360	90.52%	98.02%
FEBRUARY	200	329	326	336	346	322	276	305	334	91.25%	91.87%
MARCH	242	352	379	365	355	403	289	341	363	93.93%	102.63%
APRIL	291	339	357	340	370	388	311	342	352	97.38%	103.10%
MAY	259	342	388	377	416	398	312	356	381	93.50%	107.23%
JUNE	253	362	349	359	372	357	291	335	361	92.85%	100.82%
JULY	272	339	361	327	401	371	317	341	357	95.56%	102.76%
AUGUST	276	367	366	356	370	375	325	348	365	95.37%	104.78%
SEPTEMBER	264	331	354	322	363	373	333	334	343	97.60%	100.69%
OCTOBER	277	324	339	352	317	330	311	321	333	96.53%	96.82%
NOVEMBER	319	333	315	339	332	350	326	331	330	100.25%	99.57%
DECEMBER	221	292	339	326	349	345	259	304	327	93.24%	91.70%
DAILY AVG. FOR YEAR	256	335	355	346	365	367	300	332	350	94.79%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-23

**ROUTE:** S-241 (C000241)

**FUNCTIONAL CLASS:** MAJOR COLLECTOR

**TRAFFIC TYPE:** SECONDARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1957	214		0.0%		0.0%		0.0%	<b>32</b>	<b>15.0%</b>		0.0%		0.0%
1961	205	40	19.5%	33	16.1%	31	15.1%	<b>30</b>	<b>14.6%</b>		0.0%		0.0%
1971	313	55	17.6%	49	15.7%	45	14.4%	<b>43</b>	<b>13.7%</b>		0.0%		0.0%
1981	340	64	18.8%	48	14.1%	45	13.2%	<b>45</b>	<b>13.2%</b>		0.0%		0.0%
1991	320	55	17.2%	50	15.6%	48	15.0%	<b>45</b>	<b>14.1%</b>		0.0%		0.0%
1992	347	76	21.9%	58	16.7%	52	15.0%	<b>50</b>	<b>14.4%</b>		0.0%		0.0%
1993	368	104	28.3%	67	18.2%	55	14.9%	<b>52</b>	<b>14.1%</b>	49	13.3%	45	12.2%
1994	372	60	16.1%	54	14.5%	52	14.0%	<b>51</b>	<b>13.7%</b>	50	13.4%	46	12.4%
1995	345	106	30.7%	54	15.7%	49	14.2%	<b>48</b>	<b>13.9%</b>	45	13.0%	41	11.9%
1996	344	101	29.4%	54	15.7%	50	14.5%	<b>47</b>	<b>13.7%</b>	44	12.8%	41	11.9%
1997	346	74	21.4%	49	14.2%	46	13.3%	<b>45</b>	<b>13.0%</b>	43	12.4%	40	11.6%
1998	339	59	17.4%	48	14.2%	47	13.9%	<b>45</b>	<b>13.3%</b>	43	12.7%	40	11.8%
1999	337	58	17.2%	48	14.2%	45	13.4%	<b>44</b>	<b>13.1%</b>	43	12.8%	40	11.9%
2000	334	63	18.9%	49	14.7%	46	13.8%	<b>45</b>	<b>13.5%</b>	43	12.9%	40	12.0%
<b>2001</b>	<b>332</b>	<b>68</b>	<b>20.5%</b>	<b>50</b>	<b>15.1%</b>	<b>48</b>	<b>14.5%</b>	<b>46</b>	<b>13.9%</b>	<b>43</b>	<b>13.0%</b>	<b>39</b>	<b>11.7%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-24 KALISPELL

**YEAR:** 2001

**LOCATION:** US 2, 1.3 MILES WEST OF KALISPELL RP 118.8

**LARGE TRUCKS:** 1.7%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	4766	6409	7072	7053	7032	7384	6060	6539	6892	94.89%	82.69%
FEBRUARY	4709	6726	7125	7270	6710	7452	6212	6601	6958	94.87%	83.46%
MARCH	5343	7152	7298	7295	7382	7997	6736	7029	7282	96.53%	88.88%
APRIL	5750	7465	7238	7663	7848	8464	7284	7387	7554	97.80%	93.41%
MAY	6811	8004	8519	8518	8786	9445	7989	8296	8457	98.10%	104.90%
JUNE	6826	8801	8815	8915	9103	9899	8330	8670	8909	97.32%	109.63%
JULY	7586	9574	9709	9271	9869	10329	8700	9291	9606	96.72%	117.48%
AUGUST	7648	9504	9447	9501	9499	10271	8823	9242	9488	97.41%	116.86%
SEPTEMBER	7005	8412	8840	8822	8804	9542	8409	8548	8720	98.03%	108.08%
OCTOBER	6367	8318	8410	8511	8524	9229	7670	8147	8441	96.52%	103.02%
NOVEMBER	6367	8172	8432	8411	7646	8792	7666	7927	8165	97.08%	100.23%
DECEMBER	5488	7623	6969	7802	7795	8144	6761	7226	7547	95.74%	91.37%
DAILY AVG. FOR YEAR	6222	8013	8156	8253	8250	8912	7553	7909	8168	96.82%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-24

**ROUTE:** N-1 (C000001)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1957	1358		0.0%		0.0%		0.0%	171	12.6%		0.0%		0.0%
1961	1454	219	15.1%	190	13.1%	184	12.7%	180	12.4%		0.0%		0.0%
1971	2442	442	18.1%	366	15.0%	352	14.4%	339	13.9%		0.0%		0.0%
1981	3843	494	12.9%	462	12.0%	451	11.7%	446	11.6%		0.0%		0.0%
1991	5637	704	12.5%	648	11.5%	631	11.2%	621	11.0%		0.0%		0.0%
1992	6240	743	11.9%	695	11.1%	677	10.8%	665	10.7%		0.0%		0.0%
1993	6496	788	12.1%	740	11.4%	720	11.1%	704	10.8%	683	10.5%	658	10.1%
1994	6725	824	12.3%	762	11.3%	747	11.1%	734	10.9%	719	10.7%	682	10.1%
1995	7030	812	11.6%	775	11.0%	763	10.9%	750	10.7%	730	10.4%	698	9.9%
1996	6967	799	11.5%	793	11.4%	775	11.1%	761	10.9%	741	10.6%	712	10.2%
1997	7064	859	12.2%	775	11.0%	765	10.8%	755	10.7%	731	10.3%	705	10.0%
1998	7279	836	11.5%	778	10.7%	761	10.5%	749	10.3%	738	10.1%	715	9.8%
1999	7524	853	11.3%	800	10.6%	778	10.3%	770	10.2%	760	10.1%	739	9.8%
2000	7504	859	11.4%	807	10.8%	791	10.5%	774	10.3%	754	10.0%	721	9.6%
<b>2001</b>	<b>7909</b>	<b>914</b>	<b>11.6%</b>	<b>866</b>	<b>10.9%</b>	<b>845</b>	<b>10.7%</b>	<b>829</b>	<b>10.5%</b>	<b>816</b>	<b>10.3%</b>	<b>783</b>	<b>9.9%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-25 WIBAUX

**LOCATION:** I-94, 0.5 MILES EAST OF WIBAUX RP 242.8

**YEAR:** 2001

**LARGE TRUCKS:** 29.7%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2008	1779	1849	1992	1981	2153	2260	2003	1900	105.41%	72.19%
FEBRUARY	2075	1650	1826	1978	2004	2265	2180	1997	1865	107.10%	71.96%
MARCH	2775	1934	2032	2261	2363	2447	2805	2374	2148	110.54%	85.55%
APRIL	2504	2185	2099	2339	2423	2636	2582	2395	2262	105.92%	86.32%
MAY	2984	2556	2437	2651	2736	3052	2984	2771	2595	106.80%	99.87%
JUNE	3555	2950	2907	3187	3373	3571	3752	3328	3104	107.20%	119.93%
JULY	4352	3651	3448	3508	3643	3989	4234	3832	3563	107.57%	138.10%
AUGUST	4302	3522	3386	3676	3712	4198	4412	3887	3574	108.75%	140.07%
SEPTEMBER	3311	3167	2804	2934	3077	3252	3391	3134	2996	104.61%	112.93%
OCTOBER	2994	2393	2487	2707	2781	3104	3128	2799	2592	107.99%	100.87%
NOVEMBER	2843	2045	2229	2668	2267	2506	2902	2494	2302	108.34%	89.89%
DECEMBER	2330	1832	2012	2428	2473	2280	2634	2284	2186	104.48%	82.31%
DAILY AVG. FOR YEAR	3003	2472	2460	2694	2736	2954	3105	2775	2590	107.12%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-25

**ROUTE:** I-94 (C000094)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1958	1053		0.0%		0.0%		0.0%	<b>130</b>	<b>12.3%</b>		0.0%		0.0%
1961	1031	233	22.6%	173	16.8%	148	14.4%	<b>141</b>	<b>13.7%</b>		0.0%		0.0%
1971	1622	257	15.8%	234	14.4%	223	13.7%	<b>218</b>	<b>13.4%</b>		0.0%		0.0%
1981	2521	414	16.4%	326	12.9%	296	11.7%	<b>282</b>	<b>11.2%</b>		0.0%		0.0%
1991	2201	344	15.6%	297	13.5%	290	13.2%	<b>283</b>	<b>12.9%</b>		0.0%		0.0%
1992	2286	431	18.9%	306	13.4%	295	12.9%	<b>290</b>	<b>12.7%</b>		0.0%		0.0%
1993	2446	399	16.3%	344	14.1%	324	13.2%	<b>317</b>	<b>13.0%</b>	309	12.6%	290	11.9%
1994	2504	423	16.9%	342	13.7%	332	13.3%	<b>324</b>	<b>12.9%</b>	313	12.5%	296	11.8%
1995	2612	385	14.7%	345	13.2%	336	12.9%	<b>328</b>	<b>12.6%</b>	321	12.3%	302	11.6%
1996	2559	392	15.3%	360	14.1%	340	13.3%	<b>328</b>	<b>12.8%</b>	315	12.3%	302	11.8%
1997	2575	401	15.6%	362	14.1%	339	13.2%	<b>332</b>	<b>12.9%</b>	322	12.5%	307	11.9%
1998	2719	435	16.0%	367	13.5%	347	12.8%	<b>338</b>	<b>12.4%</b>	328	12.1%	313	11.5%
1999	2741	431	15.7%	375	13.7%	358	13.1%	<b>348</b>	<b>12.7%</b>	332	12.1%	313	11.4%
2000	2794	432	15.5%	394	14.1%	378	13.5%	<b>363</b>	<b>13.0%</b>	347	12.4%	327	11.7%
<b>2001</b>	<b>2775</b>	<b>367</b>	<b>13.2%</b>	<b>349</b>	<b>12.6%</b>	<b>337</b>	<b>12.1%</b>	<b>332</b>	<b>12.0%</b>	<b>324</b>	<b>11.7%</b>	<b>304</b>	<b>11.0%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-27 ROY

**YEAR:** 2001

**LOCATION:** US 191, 3 MILES NORTH OF JUNCTION US 191 & MT 19 RP 69.6

**LARGE TRUCKS:** 11.3%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	470	463	440	404	451	560	410	457	440	103.95%	70.75%
FEBRUARY	548	495	396	398	470	631	427	481	440	109.32%	74.45%
MARCH	637	482	465	465	575	657	510	542	497	109.02%	83.87%
APRIL	633	572	502	508	598	754	502	581	545	106.66%	90.03%
MAY	830	746	594	586	683	980	786	744	652	114.00%	115.16%
JUNE	904	660	629	611	699	878	719	729	650	112.13%	112.84%
JULY	927	717	668	617	751	902	688	753	688	109.39%	116.60%
AUGUST	846	704	660	683	746	953	685	754	698	107.96%	116.75%
SEPTEMBER	919	775	662	632	704	936	888	788	693	113.67%	122.04%
OCTOBER	849	677	660	653	717	1036	820	773	677	114.24%	119.74%
NOVEMBER	767	525	514	680	558	713	653	630	569	110.67%	97.57%
DECEMBER	531	433	413	513	561	649	525	518	480	107.89%	80.20%
DAILY AVG. FOR YEAR	738	604	550	563	626	804	634	646	586	110.24%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-27

**ROUTE:** N-61 (C000061)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1961	202	126	62.4%	71	35.1%	50	24.8%	<b>44</b>	<b>21.8%</b>		0.0%		0.0%
1971	314	98	31.2%	64	20.4%	56	17.8%	<b>53</b>	<b>16.9%</b>		0.0%		0.0%
1981	413	94	22.8%	75	18.2%	69	16.7%	<b>66</b>	<b>16.0%</b>		0.0%		0.0%
1991	505	121	24.0%	96	19.0%	87	17.2%	<b>84</b>	<b>16.6%</b>		0.0%		0.0%
1992	561	123	21.9%	100	17.8%	94	16.8%	<b>88</b>	<b>15.7%</b>		0.0%		0.0%
1993	552	116	21.0%	102	18.5%	96	17.4%	<b>90</b>	<b>16.3%</b>	85	15.4%	77	13.9%
1994	575	116	20.2%	104	18.1%	100	17.4%	<b>98</b>	<b>17.0%</b>	93	16.2%	83	14.4%
1995	581	139	23.9%	109	18.8%	98	16.9%	<b>93</b>	<b>16.0%</b>	86	14.8%	79	13.6%
1996	568	125	22.0%	101	17.8%	97	17.1%	<b>94</b>	<b>16.5%</b>	88	15.5%	79	13.9%
1997	583	125	21.4%	106	18.2%	98	16.8%	<b>96</b>	<b>16.5%</b>	88	15.1%	81	13.9%
1998	580	163	28.1%	116	20.0%	104	17.9%	<b>98</b>	<b>16.9%</b>	91	15.7%	82	14.1%
1999	595	150	25.2%	109	18.3%	102	17.1%	<b>99</b>	<b>16.6%</b>	92	15.5%	85	14.3%
<b>2001</b>	<b>646</b>	<b>137</b>	<b>21.2%</b>	<b>116</b>	<b>18.0%</b>	<b>109</b>	<b>16.9%</b>	<b>103</b>	<b>15.9%</b>	<b>97</b>	<b>15.0%</b>	<b>87</b>	<b>13.5%</b>

UNDER CONSTRUCTION IN 2000

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-28 VAUGHN FRONTAGE ROAD

**YEAR:** 2001

**LOCATION:** LOCAL ROAD #07611, 7 MILES WEST OF GREAT FALLS RP 3.8

**LARGE TRUCKS:** 1.4%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2281	2808	3133	3178	3036	3179	2739	2908	3039	95.69%	89.91%
FEBRUARY	2151	2877	2978	3260	2973	3276	2684	2886	3022	95.49%	89.23%
MARCH	2665	3218	3316	3301	3290	3442	3057	3184	3281	97.04%	98.46%
APRIL	2804	3258	3358	3461	3382	3661	3287	3316	3365	98.55%	102.53%
MAY	2746	3190	3555	3655	3542	3771	3179	3377	3486	96.88%	104.42%
JUNE	2773	3355	3520	3635	3581	3984	3299	3450	3523	97.92%	106.67%
JULY	2700	3489	3593	3609	3554	3731	3135	3402	3561	95.52%	105.18%
AUGUST	2741	3483	3562	3591	3514	3743	3148	3397	3538	96.04%	105.06%
SEPTEMBER	2766	3186	3448	3507	3446	3715	3196	3323	3397	97.84%	102.77%
OCTOBER	2531	3211	3386	3481	3308	3675	3227	3260	3347	97.41%	100.80%
NOVEMBER	2526	3131	3301	3465	3177	3605	3046	3179	3269	97.25%	98.29%
DECEMBER	2579	3207	3021	3340	3244	3444	3050	3126	3203	97.61%	96.68%
DAILY AVG. FOR YEAR	2605	3201	3348	3457	3337	3602	3087	3234	3336	96.95%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-28

**ROUTE:** X-07611 (C007611)

**FUNCTIONAL CLASS:** MAJOR COLLECTOR

**TRAFFIC TYPE:** STATE HIGHWAYS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1961	255	112	43.9%	71	27.8%	63	24.7%	59	23.1%		0.0%		0.0%
1971	553	103	18.6%	89	16.1%	84	15.2%	80	14.5%		0.0%		0.0%
1981	2270	354	15.6%	273	12.0%	266	11.7%	261	11.5%		0.0%		0.0%
1991	2643	381	14.4%	303	11.5%	295	11.2%	290	11.0%		0.0%		0.0%
1992	2772	338	12.2%	320	11.5%	309	11.1%	305	11.0%		0.0%		0.0%
1993	2815	362	12.9%	326	11.6%	322	11.4%	313	11.1%	308	10.9%	298	10.6%
1994	2983	359	12.0%	343	11.5%	335	11.2%	331	11.1%	324	10.9%	314	10.5%
1995	3077	380	12.3%	352	11.4%	343	11.1%	339	11.0%	329	10.7%	317	10.3%
1996	3059	374	12.2%	345	11.3%	339	11.1%	334	10.9%	328	10.7%	317	10.4%
1997	3153	374	11.9%	350	11.1%	347	11.0%	342	10.8%	337	10.7%	324	10.3%
1998	3311	610	18.4%	531	16.0%	496	15.0%	470	14.2%	402	12.1%	364	11.0%
1999	3545	597	16.8%	473	13.3%	428	12.1%	407	11.5%	391	11.0%	368	10.4%
2000	3319	413	12.4%	384	11.6%	374	11.3%	369	11.1%	363	10.9%	348	10.5%
<b>2001</b>	<b>3234</b>	<b>413</b>	<b>12.8%</b>	<b>363</b>	<b>11.2%</b>	<b>355</b>	<b>11.0%</b>	<b>350</b>	<b>10.8%</b>	<b>343</b>	<b>10.6%</b>	<b>333</b>	<b>10.3%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-29 BILLINGS FRONTAGE ROAD

**YEAR:** 2001

**LOCATION:** LOCAL ROAD #56683, 6 MILES WEST OF BILLINGS RP 2.9

**LARGE TRUCKS:** 7.7%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1917	2612	3088	3226	3057	3372	2464	2819	2996	94.11%	90.99%
FEBRUARY	2019	2997	2957	2892	2958	3207	2516	2792	2951	94.62%	90.11%
MARCH	1977	2869	2945	2930	3011	3090	2364	2741	2939	93.27%	88.45%
APRIL	2084	3051	3171	3169	3299	3332	2495	2943	3173	92.77%	94.98%
MAY	2429	3241	3452	3556	3772	3905	3119	3353	3505	95.67%	108.22%
JUNE	2503	3513	3585	3600	3698	3948	3066	3416	3599	94.92%	110.24%
JULY	2663	3641	3683	3500	3684	3952	3306	3490	3627	96.22%	112.62%
AUGUST	2566	3515	3541	3737	3581	3744	3044	3390	3594	94.33%	109.39%
SEPTEMBER	2370	3154	3477	3519	3528	3762	2931	3249	3420	95.01%	104.84%
OCTOBER	2182	3405	3444	3496	3511	3675	2862	3225	3464	93.10%	104.08%
NOVEMBER	2031	3118	3130	3311	3015	3356	2662	2946	3144	93.72%	95.08%
DECEMBER	2006	2921	2810	3104	3153	3251	2493	2820	2997	94.08%	91.00%
DAILY AVG. FOR YEAR	2229	3170	3274	3337	3356	3550	2777	3099	3284	94.36%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-29

**ROUTE:** X-56683 (C056683)

**FUNCTIONAL CLASS:** LOCAL ROAD

**TRAFFIC TYPE:** STATE HIGHWAYS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1962	1268	194	15.3%	183	14.4%	171	13.5%	162	12.8%		0.0%		0.0%
1971	1702	228	13.4%	182	10.7%	175	10.3%	172	10.1%		0.0%		0.0%
1981	2305	287	12.5%	271	11.8%	260	11.3%	257	11.1%		0.0%		0.0%
1991	2977	355	11.9%	334	11.2%	326	11.0%	321	10.8%		0.0%		0.0%
1992	3184	411	12.9%	357	11.2%	348	10.9%	342	10.7%		0.0%		0.0%
1993	3401	422	12.4%	394	11.6%	385	11.3%	382	11.2%	377	11.1%	365	10.7%
1994	3599	554	15.4%	427	11.9%	412	11.4%	402	11.2%	394	10.9%	382	10.6%
1995	3746	495	13.2%	422	11.3%	415	11.1%	408	10.9%	398	10.6%	386	10.3%
1996	3893	499	12.8%	462	11.9%	455	11.7%	443	11.4%	433	11.1%	420	10.8%
1997	4212	535	12.7%	501	11.9%	478	11.3%	467	11.1%	454	10.8%	434	10.3%
1998	4454	876	19.7%	529	11.9%	514	11.5%	496	11.1%	482	10.8%	464	10.4%
1999	4980	730	14.7%	645	13.0%	628	12.6%	617	12.4%	597	12.0%	562	11.3%
2000	4818	1065	22.1%	746	15.5%	694	14.4%	665	13.8%	628	13.0%	581	12.1%
<b>2001</b>	<b>3099</b>	<b>643</b>	<b>20.7%</b>	<b>354</b>	<b>11.4%</b>	<b>345</b>	<b>11.1%</b>	<b>342</b>	<b>11.0%</b>	<b>336</b>	<b>10.8%</b>	<b>325</b>	<b>10.5%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-30 SUPERIOR

**YEAR:** 2001

**LOCATION:** I-90, 0.7 MILES WEST OF THE SUPERIOR INTERCHANGE RP 46.8

**LARGE TRUCKS:** 23.8%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	3548	3736	3919	3806	3986	4202	3767	3852	3862	99.75%	59.73%
FEBRUARY	3758	3967	4102	4124	4143	4411	3794	4043	4084	98.99%	62.68%
MARCH	5454	4756	4963	5003	5339	6194	5387	5299	5015	105.67%	82.17%
APRIL	6114	5726	5570	5662	6259	7077	5782	6027	5804	103.84%	93.45%
MAY	7225	7623	6584	6509	7359	8647	7140	7298	7019	103.98%	113.16%
JUNE	8623	7799	7685	7920	8618	9608	8651	8415	8006	105.11%	130.47%
JULY	10654	9180	8690	8432	9501	10713	9613	9540	8951	106.59%	147.92%
AUGUST	10707	9006	8360	8639	9477	10974	10118	9612	8871	108.35%	149.03%
SEPTEMBER	7980	7705	6941	6900	7533	8456	7766	7612	7270	104.70%	118.02%
OCTOBER	6455	5687	5490	5453	6298	7180	5839	6057	5732	105.68%	93.92%
NOVEMBER	6095	5052	5140	4399	4750	5338	5607	5197	4835	107.49%	80.58%
DECEMBER	4271	3595	3653	4581	4744	5225	5026	4442	4143	107.21%	68.88%
DAILY AVG. FOR YEAR	6740	6153	5925	5952	6501	7335	6541	6450	6133	105.17%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-30

**ROUTE:** I-90 (C000090)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1962	1487	362	24.3%	320	21.5%	307	20.6%	302	20.3%		0.0%		0.0%
1971	2346	375	16.0%	334	14.2%	324	13.8%	320	13.6%		0.0%		0.0%
1981	3411	512	15.0%	465	13.6%	457	13.4%	448	13.1%		0.0%		0.0%
1991	4477	787	17.6%	678	15.1%	653	14.6%	634	14.2%		0.0%		0.0%
1992	5127	810	15.8%	752	14.7%	734	14.3%	708	13.8%		0.0%		0.0%
1993	5304	915	17.3%	793	15.0%	766	14.4%	736	13.9%	697	13.1%	673	12.7%
1994	5342	848	15.9%	815	15.3%	791	14.8%	774	14.5%	739	13.8%	703	13.2%
1995	5821	947	16.3%	853	14.7%	819	14.1%	803	13.8%	777	13.3%	742	12.7%
1996	5599	1053	18.8%	973	17.4%	884	15.8%	829	14.8%	797	14.2%	761	13.6%
1997	5873	1114	19.0%	913	15.5%	864	14.7%	843	14.4%	821	14.0%	768	13.1%
1998	6152	1055	17.1%	930	15.1%	886	14.4%	871	14.2%	847	13.8%	801	13.0%
1999	6221	1037	16.7%	937	15.1%	920	14.8%	874	14.0%	847	13.6%	791	12.7%
2000	6257	1037	16.6%	936	15.0%	906	14.5%	880	14.1%	848	13.6%	796	12.7%
<b>2001</b>	<b>6450</b>	<b>1012</b>	<b>15.7%</b>	<b>955</b>	<b>14.8%</b>	<b>907</b>	<b>14.1%</b>	<b>887</b>	<b>13.8%</b>	<b>858</b>	<b>13.3%</b>	<b>810</b>	<b>12.6%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-31 MILES CITY

**YEAR:** 2001

**LOCATION:** I-94, 8 MILES WEST OF MILES CITY RP 130.85

**LARGE TRUCKS:**

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2654	2581	2769	2762	2799	3215	3107	2841	2728	104.15%	0.00%
FEBRUARY	2986	2733	2684	2850	2967	3566	3315	3014	2809	107.33%	0.00%
MARCH	3795	3104	2953	3314	3437	3963	3779	3478	3202	108.62%	0.00%
APRIL	3719	3453	3435	3409	3890	4283	3604	3685	3547	103.89%	0.00%
MAY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JUNE	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JULY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
AUGUST	5113	4198	4629	4827	4914	5516	5066	4895	4642	105.44%	0.00%
SEPTEMBER	4111	4536	4156	4237	4385	4548	4495	4353	4329	100.56%	0.00%
OCTOBER	4174	3721	3713	4006	4174	4839	4341	4138	3904	106.01%	0.00%
NOVEMBER	3910	3068	3360	3915	3387	4065	3936	3663	3433	106.72%	0.00%
DECEMBER	3273	2683	2744	3642	3438	4030	3769	3368	3127	107.73%	0.00%
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

MONTHS WITH 0's INDICATE CONSTRUCTION



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-31

**ROUTE:** I-94 (C000094)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1963	1655	213	12.9%	198	12.0%	188	11.4%	<b>187</b>	<b>11.3%</b>		0.0%		0.0%
1971	2065	302	14.6%	271	13.1%	260	12.6%	<b>251</b>	<b>12.2%</b>		0.0%		0.0%
1981	2993	379	12.7%	350	11.7%	339	11.3%	<b>331</b>	<b>11.1%</b>		0.0%		0.0%
1991	3097	484	15.6%	396	12.8%	371	12.0%	<b>365</b>	<b>11.8%</b>		0.0%		0.0%
1992	3300	453	13.7%	410	12.4%	401	12.2%	<b>391</b>	<b>11.8%</b>		0.0%		0.0%
1993	3444	472	13.7%	439	12.7%	424	12.3%	<b>413</b>	<b>12.0%</b>	398	11.6%	383	11.1%
1994	3547	522	14.7%	445	12.5%	421	11.9%	<b>411</b>	<b>11.6%</b>	399	11.2%	383	10.8%
1995	3566	540	15.1%	440	12.3%	422	11.8%	<b>409</b>	<b>11.5%</b>	393	11.0%	375	10.5%
1996	3514	499	14.2%	432	12.3%	408	11.6%	<b>395</b>	<b>11.2%</b>	380	10.8%	365	10.4%
1997	3739	561	15.0%	474	12.7%	452	12.1%	<b>444</b>	<b>11.9%</b>	431	11.5%	406	10.9%
1998	3886	575	14.8%	473	12.2%	463	11.9%	<b>452</b>	<b>11.6%</b>	437	11.2%	411	10.6%
2000	3914	549	14.0%	483	12.3%	459	11.7%	<b>450</b>	<b>11.5%</b>	435	11.1%	416	10.6%

UNDER CONSTRUCTION IN 2001

\*\* DESIGN HOUR VOLUME

UNDER CONSTRUCTION IN 1999

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-32 GREAT FALLS

**YEAR:** 2001

**LOCATION:** U-5217, ON 25TH STREET NORTH, BETWEEN 4TH & 5TH AVENUES IN GREAT FALLS

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2539	3840	4362	4411	4387	4414	3064	3860	4250	90.81%	90.97%
FEBRUARY	2527	4145	4339	4489	4277	4475	3244	3928	4313	91.08%	92.58%
MARCH	2927	4592	4678	4588	4629	4662	3489	4224	4622	91.38%	99.55%
APRIL	2987	4640	4817	4838	4861	4858	3534	4362	4789	91.09%	102.82%
MAY	3075	4317	4919	4890	5000	5105	3674	4426	4782	92.56%	104.31%
JUNE	2974	4798	4954	5029	5129	5187	3794	4552	4978	91.45%	107.29%
JULY	3033	4864	4989	4700	5001	5016	3590	4456	4889	91.16%	105.03%
AUGUST	3102	4835	4880	5004	4944	5067	3614	4492	4916	91.39%	105.88%
SEPTEMBER	2906	4339	4901	4915	4824	4942	3537	4338	4745	91.42%	102.24%
OCTOBER	2679	4685	4672	4781	4611	4671	3451	4221	4687	90.06%	99.50%
NOVEMBER	2667	4469	4549	4645	4197	4579	3471	4082	4465	91.43%	96.22%
DECEMBER	2785	4372	3896	4471	4477	4428	3370	3971	4304	92.27%	93.60%
DAILY AVG. FOR YEAR	2850	4491	4663	4730	4695	4784	3486	4243	4645	91.34%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-32

**ROUTE:** U-5217 (C005217)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1963	4767	659	13.8%	579	12.1%	559	11.7%	546	11.5%		0.0%		0.0%
1971	3318	512	15.4%	472	14.2%	439	13.2%	413	12.4%		0.0%		0.0%
1981	3510	410	11.7%	386	11.0%	373	10.6%	367	10.5%		0.0%		0.0%
1991	4094	477	11.7%	458	11.2%	444	10.8%	440	10.7%		0.0%		0.0%
1992	4146	625	15.1%	462	11.1%	454	11.0%	450	10.9%		0.0%		0.0%
1993	4134	524	12.7%	466	11.3%	452	10.9%	444	10.7%	435	10.5%	420	10.2%
1994	4179	634	15.2%	461	11.0%	450	10.8%	440	10.5%	435	10.4%	422	10.1%
1995	4209	497	11.8%	455	10.8%	443	10.5%	437	10.4%	432	10.3%	419	10.0%
1996	4107	1186	28.9%	472	11.5%	462	11.2%	452	11.0%	441	10.7%	428	10.4%
1997	4141	1236	29.8%	480	11.6%	469	11.3%	460	11.1%	442	10.7%	428	10.3%
1998	4183	626	15.0%	503	12.0%	455	10.9%	446	10.7%	436	10.4%	419	10.0%
1999	4520	501	11.1%	479	10.6%	468	10.4%	462	10.2%	455	10.1%	445	9.8%
2000	4236	498	11.8%	461	10.9%	450	10.6%	446	10.5%	437	10.3%	426	10.1%
<b>2001</b>	<b>4243</b>	<b>466</b>	<b>11.0%</b>	<b>443</b>	<b>10.4%</b>	<b>435</b>	<b>10.3%</b>	<b>427</b>	<b>10.1%</b>	<b>421</b>	<b>9.9%</b>	<b>411</b>	<b>9.7%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-33 GREAT FALLS

**YEAR:** 2000

**LOCATION:** US 89, 10TH AVENUE SOUTH, BETWEEN 8TH & 9TH STREETS IN GREAT FALL

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	24314	30654	33888	34352	33831	35954	31678	32096	33181	96.73%	88.29%
FEBRUARY	24156	33046	33475	34810	33897	37960	33525	32981	33807	97.56%	90.72%
MARCH	28225	35795	36333	35934	37083	41040	36744	35879	36286	98.88%	98.69%
APRIL	28589	36392	36730	37097	38033	42407	36078	36475	37063	98.41%	100.33%
MAY	29693	34521	38508	39018	40047	44172	37139	37585	38024	98.85%	103.39%
JUNE	29571	39811	39968	40192	41045	45460	37329	39054	40254	97.02%	107.43%
JULY	0	0	40666	35689	41171	43425	35998	39390	39175	100.55%	108.35%
AUGUST	30208	40485	40079	41423	40787	43687	36318	38998	40694	95.83%	107.27%
SEPTEMBER	0	0	39663	38126	37581	0	0	38457	38457	100.00%	105.78%
OCTOBER	26669	36852	37460	38349	38953	42958	35873	36731	37904	96.91%	101.04%
NOVEMBER	26905	35921	36819	38218	34629	42984	35612	35870	36397	98.55%	98.67%
DECEMBER	29053	36849	32662	39098	38860	42495	37347	36623	36867	99.34%	100.74%
DAILY AVG. FOR YEAR	27738	36033	37188	37692	37993	42049	35786	36354	37226	97.66%	

DAYS WITH 0's INDICATE COUNTER FAILURE

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-33

**ROUTE:** N-60 (C000060)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1965	23096	2488	10.8%	2375	10.3%	2296	9.9%	<b>2248</b>	<b>9.7%</b>		0.0%		0.0%
1971	24183	2563	10.6%	2383	9.9%	2324	9.6%	<b>2292</b>	<b>9.5%</b>		0.0%		0.0%
1981	28434	2731	9.6%	2657	9.3%	2628	9.2%	<b>2600</b>	<b>9.1%</b>		0.0%		0.0%
1991	33102	3235	9.8%	3075	9.3%	3029	9.2%	<b>2996</b>	<b>9.1%</b>		0.0%		0.0%
1992	35006	4714	13.5%	3295	9.4%	3248	9.3%	<b>3210</b>	<b>9.2%</b>		0.0%		0.0%
1993	35692	3468	9.7%	3360	9.4%	3289	9.2%	<b>3256</b>	<b>9.1%</b>	3224	9.0%	3159	8.9%
1994	35866	3549	9.9%	3331	9.3%	3277	9.1%	<b>3235</b>	<b>9.0%</b>	3208	8.9%	3151	8.8%
1995	35904	3539	9.9%	3283	9.1%	3237	9.0%	<b>3213</b>	<b>8.9%</b>	3178	8.9%	3126	8.7%
1996	35153	4038	11.5%	3875	11.0%	3736	10.6%	<b>3643</b>	<b>10.4%</b>	3525	10.0%	3314	9.4%
1997	35884	3305	9.2%	3218	9.0%	3175	8.8%	<b>3136</b>	<b>8.7%</b>	3109	8.7%	3054	8.5%
1998	35457	3468	9.8%	3240	9.1%	3196	9.0%	<b>3153</b>	<b>8.9%</b>	3107	8.8%	3035	8.6%
<b>2001</b>	<b>36354</b>	<b>3517</b>	<b>9.7%</b>	<b>3405</b>	<b>9.4%</b>	<b>3334</b>	<b>9.2%</b>	<b>3292</b>	<b>9.1%</b>	<b>3244</b>	<b>8.9%</b>	<b>3162</b>	<b>8.7%</b>

UNDER CONSTRUCTION IN 1999 AND 2000

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-34 FORSYTH

**YEAR:** 2001

**LOCATION:** US 12, 5 MILES NORTHWEST OF FORSYTH RP 265.2

**LARGE TRUCKS:** 13.2%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	146	166	184	185	166	220	153	174	175	99.45%	68.53%
FEBRUARY	155	183	174	143	164	175	132	161	166	96.90%	63.25%
MARCH	207	209	184	207	205	207	189	201	201	99.95%	79.09%
APRIL	273	241	224	226	245	278	213	243	234	103.79%	95.50%
MAY	320	300	271	295	300	349	257	299	292	102.52%	117.52%
JUNE	326	280	279	298	288	329	278	297	286	103.71%	116.73%
JULY	323	300	317	298	305	360	311	316	305	103.70%	124.37%
AUGUST	345	280	289	281	300	342	279	302	288	105.14%	118.87%
SEPTEMBER	270	263	245	265	264	282	273	266	259	102.60%	104.60%
OCTOBER	368	281	280	284	335	387	392	332	295	112.69%	130.72%
NOVEMBER	238	227	243	258	220	257	260	243	237	102.65%	95.67%
DECEMBER	193	237	189	222	218	259	198	217	217	100.03%	85.16%
DAILY AVG. FOR YEAR	264	247	240	247	251	287	245	254	246	103.29%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-34

**ROUTE:** P-14 (C000014)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1965	299	63	21.1%	53	17.7%	50	16.7%	48	16.1%		0.0%		0.0%
1971	263	57	21.7%	47	17.9%	45	17.1%	42	16.0%		0.0%		0.0%
1981	255	59	23.1%	47	18.4%	45	17.6%	43	16.9%		0.0%		0.0%
1991	273	52	19.0%	43	15.8%	40	14.7%	38	13.9%		0.0%		0.0%
1992	293	92	31.4%	54	18.4%	48	16.4%	46	15.7%		0.0%		0.0%
1993	327	73	22.3%	55	16.8%	50	15.3%	47	14.4%	44	13.5%	41	12.5%
1994	317	70	22.1%	49	15.5%	45	14.2%	44	13.9%	42	13.2%	40	12.6%
1995	310	68	21.9%	52	16.8%	49	15.8%	47	15.2%	43	13.9%	39	12.6%
1996	277	62	22.4%	47	17.0%	45	16.2%	42	15.2%	39	14.1%	36	13.0%
1997	277	61	22.0%	49	17.7%	43	15.5%	41	14.8%	38	13.7%	35	12.6%
1998	270	54	20.0%	43	15.9%	41	15.2%	39	14.4%	37	13.7%	33	12.2%
1999	266	51	19.2%	44	16.5%	42	15.8%	40	15.0%	37	13.9%	34	12.8%
2000	258	57	22.1%	45	17.4%	40	15.5%	40	15.5%	37	14.3%	34	13.2%
<b>2001</b>	<b>254</b>	<b>55</b>	<b>21.7%</b>	<b>43</b>	<b>16.9%</b>	<b>41</b>	<b>16.1%</b>	<b>39</b>	<b>15.4%</b>	<b>36</b>	<b>14.2%</b>	<b>32</b>	<b>12.6%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-35 CLINTON

**LOCATION:** S-210, 3 MILES SOUTHEAST OF TURAH RP 3.6

**YEAR:** 2001

**LARGE TRUCKS:** 1.5%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	768	889	983	987	1006	1049	858	934	966	96.69%	82.77%
FEBRUARY	773	963	999	1002	959	1045	887	947	981	96.54%	83.89%
MARCH	861	1035	1047	1058	1083	1114	983	1026	1056	97.17%	90.89%
APRIL	997	1103	1123	1136	1154	1196	1134	1120	1129	99.24%	99.26%
MAY	1042	1146	1204	1287	1279	1321	1155	1205	1229	98.04%	106.74%
JUNE	999	1204	1168	1202	1243	1337	1181	1191	1204	98.86%	105.48%
JULY	1032	1227	1249	1181	1244	1358	1151	1206	1225	98.43%	106.84%
AUGUST	1084	1326	1454	1463	1531	1475	1144	1354	1444	93.79%	119.94%
SEPTEMBER	1028	1173	1252	1242	1267	1338	1172	1210	1234	98.12%	107.22%
OCTOBER	919	1181	1226	1257	1262	1325	1134	1186	1232	96.33%	105.10%
NOVEMBER	923	1180	1219	1206	1140	1232	1045	1135	1186	95.68%	100.55%
DECEMBER	872	1095	971	1087	1067	1153	969	1031	1055	97.68%	91.30%
DAILY AVG. FOR YEAR	942	1127	1158	1176	1186	1245	1068	1129	1162	97.17%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-35

**ROUTE:** S-210 (C000210)

**FUNCTIONAL CLASS:** MAJOR COLLECTOR

**TRAFFIC TYPE:** SECONDARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1965	166	41	24.7%	31	18.7%	28	16.9%	27	16.3%		0.0%		0.0%
1971	328	52	15.9%	44	13.4%	42	12.8%	41	12.5%		0.0%		0.0%
1981	626	90	14.4%	73	11.7%	71	11.3%	69	11.0%		0.0%		0.0%
1991	766	106	13.8%	93	12.1%	88	11.5%	86	11.2%		0.0%		0.0%
1992	890	162	18.2%	119	13.4%	109	12.2%	105	11.8%		0.0%		0.0%
1993	932	173	18.6%	131	14.1%	121	13.0%	116	12.4%	109	11.7%	103	11.1%
1994	933	133	14.3%	116	12.4%	112	12.0%	109	11.7%	106	11.4%	101	10.8%
1998	1205	174	14.4%	160	13.3%	154	12.8%	150	12.4%	144	12.0%	137	11.4%
1999	1280	355	27.7%	259	20.2%	214	16.7%	197	15.4%	178	13.9%	160	12.5%
2000	1110	146	13.2%	131	11.8%	127	11.4%	122	11.0%	119	10.7%	111	10.0%
<b>2001</b>	<b>1129</b>	<b>205</b>	<b>18.2%</b>	<b>154</b>	<b>13.6%</b>	<b>138</b>	<b>12.2%</b>	<b>130</b>	<b>11.5%</b>	<b>126</b>	<b>11.2%</b>	<b>116</b>	<b>10.3%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-36 BROWNING

**LOCATION:** US 2,2.3 MILES WEST OF BROWNING RP 219.5

**YEAR:** 2001

**LARGE TRUCKS:** 3.8%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1031	1106	1058	1079	1113	1250	1027	1095	1089	100.54%	60.21%
FEBRUARY	963	1005	1004	1034	1031	1270	965	1039	1019	102.00%	57.13%
MARCH	1281	1238	1222	1254	1327	1442	1218	1283	1260	101.82%	70.56%
APRIL	1393	1398	1287	1189	1421	1713	1451	1407	1324	106.32%	77.40%
MAY	2194	2157	1827	1824	2012	2427	2054	2071	1955	105.92%	113.88%
JUNE	2619	2220	2152	2326	2477	2983	2558	2476	2294	107.96%	136.19%
JULY	3453	2989	2922	2911	3086	3609	3149	3160	2977	106.14%	173.77%
AUGUST	3215	2789	2643	2708	2798	3330	2880	2909	2735	106.38%	159.98%
SEPTEMBER	2152	2355	2014	2013	2064	2443	2245	2184	2112	103.42%	120.09%
OCTOBER	1633	1585	1462	1604	1676	2106	1696	1680	1582	106.23%	92.40%
NOVEMBER	1381	1267	1266	1423	1314	1607	1371	1376	1318	104.41%	75.65%
DECEMBER	1036	1102	1070	1202	1181	1303	1093	1141	1139	100.20%	62.75%
DAILY AVG. FOR YEAR	1863	1768	1661	1714	1792	2124	1809	1818	1733	104.90%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-36

**ROUTE:** N-1 (C000001)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RECREATIONAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1966	904	231	25.6%	193	21.3%	174	19.2%	168	18.6%		0.0%		0.0%
1971	1152	386	33.5%	279	24.2%	236	20.5%	220	19.1%		0.0%		0.0%
1981	1504	287	19.1%	256	17.0%	244	16.2%	241	16.0%		0.0%		0.0%
1991	1778	550	30.9%	431	24.2%	385	21.7%	364	20.5%		0.0%		0.0%
1992	1928	534	27.7%	375	19.5%	351	18.2%	338	17.5%		0.0%		0.0%
1993	1971	378	19.2%	347	17.6%	333	16.9%	328	16.6%	313	15.9%	293	14.9%
1994	2011	457	22.7%	351	17.5%	339	16.9%	326	16.2%	307	15.3%	289	14.4%
1995	2238	462	20.6%	402	18.0%	385	17.2%	376	16.8%	366	16.4%	347	15.5%
1999	1856	366	19.7%	322	17.3%	314	16.9%	305	16.4%	287	15.5%	264	14.2%
2000	1832	381	20.8%	311	17.0%	299	16.3%	288	15.7%	282	15.4%	265	14.5%
<b>2001</b>	<b>1818</b>	<b>338</b>	<b>18.6%</b>	<b>304</b>	<b>16.7%</b>	<b>297</b>	<b>16.3%</b>	<b>289</b>	<b>15.9%</b>	<b>277</b>	<b>15.2%</b>	<b>258</b>	<b>14.2%</b>



**AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-37 MISSOULA

**YEAR:** 2001

**LOCATION:** U 8107, EAST END OF ORANGE STREET BRIDGE IN MISSOULA

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
FEBRUARY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
MARCH	0	0	0	0	0	0	0	0	0	0.00%	0.00%
APRIL	0	0	0	0	0	0	0	0	0	0.00%	0.00%
MAY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JUNE	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JULY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
AUGUST	0	0	0	0	0	0	0	0	0	0.00%	0.00%
SEPTEMBER	0	0	0	0	0	0	0	0	0	0.00%	0.00%
OCTOBER	0	0	0	0	0	0	0	0	0	0.00%	0.00%
NOVEMBER	0	0	0	0	0	0	0	0	0	0.00%	0.00%
DECEMBER	0	0	0	0	0	0	0	0	0	0.00%	0.00%
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

UNDER CONSTRUCTION

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-37

**ROUTE:** U-8107 (C008107)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1966	11701	1418	12.1%	1347	11.5%	1318	11.3%	<b>1296</b>	<b>11.1%</b>		0.0%		0.0%
1971	13679	1747	12.8%	1678	12.3%	1605	11.7%	<b>1570</b>	<b>11.5%</b>		0.0%		0.0%
1981	15789	1814	11.5%	1723	10.9%	1700	10.8%	<b>1685</b>	<b>10.7%</b>		0.0%		0.0%
1991	18360	2267	12.3%	2109	11.5%	2077	11.3%	<b>2049</b>	<b>11.2%</b>		0.0%		0.0%
1992	19333	4515	23.4%	2191	11.3%	2128	11.0%	<b>2080</b>	<b>10.8%</b>		0.0%		0.0%
1993	20022	2513	12.6%	2205	11.0%	2168	10.8%	<b>2126</b>	<b>10.6%</b>	2096	10.5%	2026	10.1%
1994	20443	2508	12.3%	2352	11.5%	2301	11.3%	<b>2234</b>	<b>10.9%</b>	2146	10.5%	2065	10.1%
1995	20703	2405	11.6%	2243	10.8%	2212	10.7%	<b>2175</b>	<b>10.5%</b>	2124	10.3%	2075	10.0%
1996	20487	2475	12.1%	2255	11.0%	2201	10.7%	<b>2178</b>	<b>10.6%</b>	2148	10.5%	2104	10.3%
1997	20509	2408	11.7%	2260	11.0%	2202	10.7%	<b>2174</b>	<b>10.6%</b>	2136	10.4%	2085	10.2%
1998	21621	2480	11.5%	2354	10.9%	2312	10.7%	<b>2267</b>	<b>10.5%</b>	2226	10.3%	2179	10.1%
1999	20207	2245	11.1%	2199	10.9%	2148	10.6%	<b>2120</b>	<b>10.5%</b>	2087	10.3%	2029	10.0%

UNDER CONSTRUCTION IN 2000 AND 2001

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-38 JORDAN

**LOCATION** MT 200, 1 MILE WEST OF JORDAN RP 209.8

**YEAR:** 2001

**LARGE TRUCKS:** 14.9%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	257	283	310	307	323	353	235	295	306	96.62%	65.36%
FEBRUARY	256	286	282	290	301	341	228	283	290	97.82%	62.70%
MARCH	351	343	324	320	348	380	262	333	334	99.65%	73.57%
APRIL	422	408	344	379	432	486	319	399	391	102.00%	88.17%
MAY	461	514	404	445	489	621	463	485	463	104.81%	107.36%
JUNE	615	491	447	493	576	664	533	546	502	108.73%	120.69%
JULY	725	571	529	555	569	670	565	598	556	107.50%	132.23%
AUGUST	647	552	492	541	585	736	569	589	543	108.55%	130.27%
SEPTEMBER	499	536	450	478	525	640	470	514	497	103.37%	113.71%
OCTOBER	595	547	518	489	592	685	627	579	537	107.92%	128.09%
NOVEMBER	497	424	427	508	443	483	483	466	451	103.54%	103.18%
DECEMBER	315	288	297	378	367	395	323	338	333	101.53%	74.68%
DAILY AVG. FOR YEAR	470	437	402	432	463	538	423	452	433	104.32%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-38

**ROUTE:** N-57 (C000057)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1967	330	76	23.0%	61	18.5%	59	17.9%	55	16.7%		0.0%		0.0%
1971	331	73	22.1%	59	17.8%	56	16.9%	54	16.3%		0.0%		0.0%
1981	376	80	21.3%	63	16.8%	59	15.7%	57	15.2%		0.0%		0.0%
1991	425	79	18.6%	66	15.5%	63	14.8%	61	14.4%		0.0%		0.0%
1992	493	81	16.4%	73	14.8%	68	13.8%	67	13.6%		0.0%		0.0%
1995	412	84	20.4%	71	17.2%	66	16.0%	62	15.0%	59	14.3%	55	13.3%
1996	418	90	21.5%	81	19.4%	73	17.5%	68	16.3%	64	15.3%	59	14.1%
1997	413	107	25.9%	78	18.9%	69	16.7%	68	16.5%	63	15.3%	58	14.0%
1998	430	110	25.6%	80	18.6%	74	17.2%	70	16.3%	66	15.3%	61	14.2%
1999	432	98	22.7%	78	18.1%	71	16.4%	67	15.5%	64	14.8%	59	13.7%
2000	441	93	21.1%	80	18.1%	72	16.3%	70	15.9%	66	15.0%	61	13.8%
<b>2001</b>	<b>452</b>	<b>85</b>	<b>18.8%</b>	<b>76</b>	<b>16.8%</b>	<b>73</b>	<b>16.2%</b>	<b>70</b>	<b>15.5%</b>	<b>67</b>	<b>14.8%</b>	<b>61</b>	<b>13.5%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-39 DUPUYER

**LOCATION:** US 89, 5.0 MILES NORTH OF DUPUYER RP 81.5

**YEAR:** 2001

**LARGE TRUCKS:** 6.0%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	132	134	142	157	161	159	162	150	149	100.72%	43.39%
FEBRUARY	123	0	106	126	148	178	128	135	127	106.45%	39.11%
MARCH	199	169	179	173	193	206	171	184	179	103.24%	53.46%
APRIL	203	183	192	174	203	232	196	198	188	105.09%	57.31%
MAY	361	306	247	220	273	323	290	289	262	110.35%	83.70%
JUNE	620	524	529	540	515	601	585	559	527	106.10%	162.19%
JULY	838	725	714	714	746	816	728	754	725	104.10%	218.83%
AUGUST	785	683	653	654	690	757	734	708	670	105.67%	205.37%
SEPTEMBER	527	563	441	441	475	472	515	491	480	102.20%	142.30%
OCTOBER	201	275	259	247	290	303	338	273	268	102.07%	79.27%
NOVEMBER	221	183	216	216	198	240	214	213	203	104.59%	61.66%
DECEMBER	119	148	162	151	160	181	149	153	155	98.46%	44.34%
DAILY AVG. FOR YEAR	361	354	320	318	338	372	351	345	332	103.74%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-39

**ROUTE:** P-3 (C000003)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RECREATIONAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1967	443	211	47.6%	126	28.4%	113	25.5%	108	24.4%		0.0%		0.0%
1971	507	146	28.8%	132	26.0%	126	24.9%	122	24.1%		0.0%		0.0%
1981	527	130	24.7%	116	22.0%	108	20.5%	106	20.1%		0.0%		0.0%
1991	391	109	27.9%	98	25.1%	95	24.3%	93	23.8%		0.0%		0.0%
1992	362	121	33.4%	104	28.7%	101	27.9%	99	27.3%		0.0%		0.0%
1993	367	118	32.2%	105	28.6%	101	27.5%	99	27.0%	94	25.6%	88	24.0%
1994	379	118	31.1%	104	27.4%	100	26.4%	97	25.6%	92	24.3%	87	23.0%
1995	387	127	32.8%	112	28.9%	107	27.6%	105	27.1%	98	25.3%	90	23.3%
1996	409	122	29.8%	112	27.4%	109	26.7%	107	26.2%	101	24.7%	94	23.0%
1997	400	135	33.8%	114	28.5%	109	27.3%	104	26.0%	99	24.8%	91	22.8%
1998	365	153	41.9%	101	27.7%	97	26.6%	94	25.8%	88	24.1%	82	22.5%
2000	348	128	36.8%	98	28.2%	96	27.6%	90	25.9%	86	24.7%	80	23.0%
<b>2001</b>	<b>345</b>	<b>103</b>	<b>29.9%</b>	<b>91</b>	<b>26.4%</b>	<b>87</b>	<b>25.2%</b>	<b>85</b>	<b>24.6%</b>	<b>79</b>	<b>22.9%</b>	<b>73</b>	<b>21.2%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-40 WOLF CREEK FRONTAGE ROAD

**YEAR:** 2001

**LOCATION:** LOCAL ROAD #81003, 2.5 MILES NORTH OF WOLF CREEK RP 2.5

**LARGE TRUCKS:** 1.7%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	211	162	142	140	161	156	200	167	151	110.70%	41.58%
FEBRUARY	208	165	139	167	140	154	189	166	153	108.67%	41.22%
MARCH	373	242	245	238	243	255	340	277	242	114.29%	68.68%
APRIL	455	251	262	251	273	315	408	316	259	122.06%	78.57%
MAY	792	513	351	384	410	515	724	527	415	127.14%	130.86%
JUNE	852	436	463	508	583	662	851	622	498	125.05%	154.49%
JULY	1085	679	690	956	865	925	1104	901	798	112.92%	223.63%
AUGUST	1034	566	558	580	635	710	907	713	585	121.91%	177.01%
SEPTEMBER	714	508	361	356	397	412	609	480	406	118.27%	119.08%
OCTOBER	367	254	284	254	289	328	413	313	270	115.71%	77.65%
NOVEMBER	324	193	174	165	180	211	291	220	178	123.43%	54.56%
DECEMBER	150	126	111	122	120	144	148	132	120	109.87%	32.67%
DAILY AVG. FOR YEAR	547	341	315	343	358	399	515	403	339	118.65%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-40

**ROUTE:** X-81003 (C081003)

**FUNCTIONAL CLASS:** MAJOR COLLECTOR

**TRAFFIC TYPE:** STATE HIGHWAYS - RECREATIONAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1968	110	55	50.0%	42	38.2%	39	35.5%	36	32.7%		0.0%		0.0%
1971	137	55	40.1%	41	29.9%	39	28.5%	36	26.3%		0.0%		0.0%
1981	188	85	45.2%	63	33.5%	57	30.3%	55	29.3%		0.0%		0.0%
1991	290	95	32.8%	86	29.7%	81	27.9%	76	26.2%		0.0%		0.0%
1992	289	147	50.9%	97	33.6%	85	29.4%	82	28.4%		0.0%		0.0%
1993	282	109	38.7%	87	30.9%	80	28.4%	77	27.3%	71	25.2%	64	22.7%
1994	301	105	34.9%	91	30.2%	87	28.9%	83	27.6%	79	26.2%	68	22.6%
1995	303	119	39.3%	98	32.3%	93	30.7%	91	30.0%	84	27.7%	73	24.1%
1996	314	161	51.3%	122	38.9%	108	34.4%	102	32.5%	92	29.3%	80	25.5%
1997	335	196	58.5%	110	32.8%	100	29.9%	92	27.5%	88	26.3%	77	23.0%
1998	372	173	46.5%	143	38.4%	111	29.8%	101	27.2%	93	25.0%	80	21.5%
1999	433	128	29.6%	112	25.9%	105	24.2%	101	23.3%	94	21.7%	82	18.9%
2000	414	141	34.1%	123	29.7%	108	26.1%	103	24.9%	97	23.4%	84	20.3%
<b>2001</b>	<b>403</b>	<b>140</b>	<b>34.7%</b>	<b>109</b>	<b>27.0%</b>	<b>104</b>	<b>25.8%</b>	<b>99</b>	<b>24.6%</b>	<b>94</b>	<b>23.3%</b>	<b>85</b>	<b>21.1%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-42 GREAT FALLS

**YEAR:** 2001

**LOCATION:** U-5226, 26TH STREET NORTH , BETWEEN 4TH & 5TH AVENUES IN GREAT FALLS

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2209	3210	3593	3614	3600	3582	2651	3208	3504	91.56%	90.78%
FEBRUARY	2176	3479	3619	3688	3529	3727	2786	3286	3579	91.83%	92.98%
MARCH	2460	3746	3780	3719	3768	3799	2922	3456	3753	92.09%	97.79%
APRIL	2548	3868	3921	3901	3957	3953	3012	3594	3912	91.88%	101.69%
MAY	2631	3587	4044	4044	4118	4171	3216	3687	3948	93.39%	104.32%
JUNE	2610	3996	4189	4122	4245	4330	3232	3818	4138	92.26%	108.01%
JULY	2678	4097	4243	3988	4198	4234	3102	3791	4132	91.77%	107.27%
AUGUST	2653	4022	4035	4203	4155	4206	3112	3769	4104	91.85%	106.65%
SEPTEMBER	2498	3600	4027	3996	3970	4020	3046	3594	3898	92.19%	101.68%
OCTOBER	2338	3814	3858	3947	3814	3811	3012	3513	3858	91.06%	99.41%
NOVEMBER	2343	3707	3748	3793	3451	3815	3040	3414	3675	92.90%	96.59%
DECEMBER	2347	3561	3205	3628	3677	3666	2884	3281	3518	93.27%	92.83%
DAILY AVG. FOR YEAR	2458	3724	3855	3887	3874	3943	3001	3534	3835	92.17%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-42

**ROUTE:** U-5226 (C005226)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1972	2424	433	17.9%	299	12.3%	282	11.6%	276	11.4%		0.0%		0.0%
1981	2852	392	13.7%	325	11.4%	315	11.0%	310	10.9%		0.0%		0.0%
1991	3211	447	13.9%	384	12.0%	371	11.6%	365	11.4%		0.0%		0.0%
1992	3360	512	15.2%	408	12.1%	391	11.6%	384	11.4%		0.0%		0.0%
1993	3430	438	12.8%	407	11.9%	400	11.7%	390	11.4%	383	11.2%	371	10.8%
1994	3506	610	17.4%	436	12.4%	412	11.8%	398	11.4%	389	11.1%	378	10.8%
1995	3520	474	13.5%	425	12.1%	410	11.6%	402	11.4%	398	11.3%	384	10.9%
1996	3530	478	13.5%	455	12.9%	444	12.6%	433	12.3%	420	11.9%	404	11.4%
1997	3511	476	13.6%	433	12.3%	414	11.8%	404	11.5%	396	11.3%	385	11.0%
1998	3686	490	13.3%	435	11.8%	426	11.6%	422	11.4%	410	11.1%	397	10.8%
1999	3833	498	13.0%	458	11.9%	451	11.8%	444	11.6%	436	11.4%	422	11.0%
2000	3604	516	14.3%	422	11.7%	413	11.5%	408	11.3%	401	11.1%	389	10.8%
<b>2001</b>	<b>3534</b>	<b>475</b>	<b>13.4%</b>	<b>417</b>	<b>11.8%</b>	<b>403</b>	<b>11.4%</b>	<b>398</b>	<b>11.3%</b>	<b>387</b>	<b>11.0%</b>	<b>373</b>	<b>10.6%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-43 BIG SKY

**YEAR:** 2001

**LOCATION:** US 191, 1.5 MILES NORTH OF MT 64 BIG SKY RP 49.8

**LARGE TRUCKS:** 7.9%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	3025	3293	3303	3287	3349	3585	3539	3340	3308	100.97%	89.17%
FEBRUARY	3497	3499	3224	3330	3393	3723	3962	3518	3362	104.66%	93.92%
MARCH	3649	3287	3431	3444	3735	3937	4005	3641	3474	104.80%	97.20%
APRIL	2726	3204	3091	3120	3186	3394	2828	3078	3150	97.72%	82.18%
MAY	2540	3028	3014	3219	3321	3320	2628	3010	3146	95.69%	80.35%
JUNE	3082	3795	3804	3848	4607	4519	3741	3914	4014	97.51%	104.48%
JULY	4768	5265	5385	5037	4629	5562	4908	5079	5079	100.00%	135.59%
AUGUST	4927	5055	5202	5369	5457	5555	4959	5218	5271	98.99%	139.29%
SEPTEMBER	3611	4480	4454	4479	4463	4439	3765	4242	4469	94.91%	113.23%
OCTOBER	2539	3354	3495	3622	3712	3821	3034	3368	3546	94.99%	89.91%
NOVEMBER	2535	3252	3363	3563	3131	3494	2728	3152	3327	94.74%	84.15%
DECEMBER	2993	3328	2781	3646	3767	3715	3509	3391	3381	100.32%	90.53%
DAILY AVG. FOR YEAR	3324	3737	3712	3830	3896	4089	3634	3746	3794	98.74%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-43

**ROUTE:** N-50 (C000050)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1972	1240	220	17.7%	201	16.2%	192	15.5%	188	15.2%		0.0%		0.0%
1981	1483	259	17.5%	231	15.6%	219	14.8%	215	14.5%		0.0%		0.0%
1991	2331	544	23.3%	338	14.5%	325	13.9%	317	13.6%		0.0%		0.0%
1992	2457	558	22.7%	350	14.2%	332	13.5%	325	13.2%		0.0%		0.0%
1993	2571	380	14.8%	359	14.0%	351	13.7%	343	13.3%	331	12.9%	315	12.3%
1994	2748	465	16.9%	411	15.0%	377	13.7%	367	13.4%	359	13.1%	340	12.4%
1995	2890	571	19.8%	409	14.2%	394	13.6%	382	13.2%	370	12.8%	352	12.2%
1996	2968	625	21.1%	394	13.3%	389	13.1%	382	12.9%	373	12.6%	360	12.1%
1997	3122	509	16.3%	433	13.9%	414	13.3%	404	12.9%	396	12.7%	385	12.3%
1998	3341	538	16.1%	459	13.7%	445	13.3%	430	12.9%	416	12.5%	392	11.7%
1999	3526	744	21.1%	503	14.3%	479	13.6%	467	13.2%	443	12.6%	416	11.8%
2000	3625	569	15.7%	500	13.8%	475	13.1%	464	12.8%	450	12.4%	422	11.6%
<b>2001</b>	<b>3746</b>	<b>628</b>	<b>16.8%</b>	<b>510</b>	<b>13.6%</b>	<b>481</b>	<b>12.8%</b>	<b>463</b>	<b>12.4%</b>	<b>442</b>	<b>11.8%</b>	<b>418</b>	<b>11.2%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-46 HAVRE

**LOCATION:** US 2, 9 MILES WEST OF HAVRE RP 372.9

**YEAR:** 2001

**LARGE TRUCKS:** 6.1%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	823	1080	1180	1122	1179	1200	975	1080	1140	94.70%	76.52%
FEBRUARY	802	1096	1163	1214	1153	1284	1075	1112	1157	96.19%	78.83%
MARCH	1042	1289	1335	1259	1400	1423	1205	1279	1321	96.84%	90.63%
APRIL	1191	1361	1339	1373	1509	1529	1353	1379	1396	98.84%	97.74%
MAY	1348	1496	1511	1563	1601	1725	1489	1533	1543	99.39%	108.65%
JUNE	1558	1595	1626	1707	1749	1822	1624	1669	1669	99.97%	118.25%
JULY	1728	1884	1838	1790	1899	1947	1688	1825	1853	98.49%	129.31%
AUGUST	1768	1790	1759	1716	1838	1954	1742	1795	1776	101.10%	127.22%
SEPTEMBER	1355	1589	1570	1470	1525	1638	1467	1516	1539	98.56%	107.45%
OCTOBER	1143	1373	1359	1402	1436	1532	1378	1375	1393	98.72%	97.42%
NOVEMBER	1016	1225	1226	1222	1284	1372	1233	1225	1239	98.88%	86.84%
DECEMBER	879	1143	1111	1261	1265	1329	1028	1145	1195	95.83%	81.15%
DAILY AVG. FOR YEAR	1221	1410	1418	1425	1487	1563	1355	1411	1435	98.35%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-46

**ROUTE:** N-1 (C000001)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1980	1318	233	17.7%	197	14.9%	178	13.5%	173	13.1%		0.0%		0.0%
1981	1427	236	16.5%	201	14.1%	189	13.2%	182	12.8%		0.0%		0.0%
1991	1380	221	16.0%	194	14.1%	187	13.6%	183	13.3%		0.0%		0.0%
1992	1445	237	16.4%	196	13.6%	189	13.1%	186	12.9%		0.0%		0.0%
1993	1470	239	16.3%	213	14.5%	203	13.8%	197	13.4%	190	12.9%	181	12.3%
1994	1503	242	16.1%	213	14.2%	207	13.8%	200	13.3%	191	12.7%	179	11.9%
1995	1517	251	16.5%	214	14.1%	202	13.3%	195	12.9%	186	12.3%	177	11.7%
1996	1566	246	15.7%	217	13.9%	211	13.5%	207	13.2%	202	12.9%	191	12.2%
1997	1591	262	16.5%	227	14.3%	218	13.7%	210	13.2%	202	12.7%	189	11.9%
1998	1572	250	15.9%	221	14.1%	211	13.4%	205	13.0%	197	12.5%	187	11.9%
1999	1543	246	15.9%	213	13.8%	203	13.2%	197	12.8%	190	12.3%	180	11.7%
2000	1469	213	14.5%	197	13.4%	191	13.0%	183	12.5%	177	12.0%	166	11.3%
<b>2001</b>	<b>1411</b>	<b>190</b>	<b>13.5%</b>	<b>168</b>	<b>11.9%</b>	<b>163</b>	<b>11.6%</b>	<b>162</b>	<b>11.5%</b>	<b>156</b>	<b>11.1%</b>	<b>150</b>	<b>10.6%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-47 FLORENCE

**LOCATION:** US 93, 1 MILE SOUTH OF FLORENCE RP 73.4

**YEAR:** 2001

**LARGE TRUCKS:** 2.7%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	5564	7388	8420	8355	8541	8716	7493	7782	8176	95.19%	83.48%
FEBRUARY	5780	8333	8586	8610	8199	8812	7792	8016	8432	95.07%	85.99%
MARCH	6764	8596	9128	9112	9342	9800	9175	8845	9045	97.80%	94.88%
APRIL	7344	9077	9479	9550	9834	10353	9221	9265	9485	97.69%	99.39%
MAY	7930	9325	10123	10148	10471	11026	9482	9786	10017	97.70%	104.98%
JUNE	8233	10077	10338	10535	10841	11576	9790	10199	10448	97.62%	109.40%
JULY	8906	10638	11159	10328	11215	11865	10047	10594	10835	97.78%	113.64%
AUGUST	8964	10588	10784	10828	11213	11808	9999	10598	10853	97.65%	113.68%
SEPTEMBER	7981	9555	10147	9965	10339	11003	9839	9833	10002	98.31%	105.48%
OCTOBER	7072	9402	9644	9766	9909	10809	9713	9474	9680	97.86%	101.62%
NOVEMBER	6963	9110	9496	9580	8778	10162	9000	9013	9241	97.53%	96.68%
DECEMBER	6569	8273	8156	9270	9211	9161	8591	8462	8728	96.95%	90.77%
DAILY AVG. FOR YEAR	7339	9197	9622	9671	9824	10424	9179	9322	9578	97.33%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-47

**ROUTE:** N-7 (C000007)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1980	4436	511	11.5%	488	11.0%	475	10.7%	465	10.5%		0.0%		0.0%
1981	4491	558	12.4%	489	10.9%	481	10.7%	471	10.5%		0.0%		0.0%
1991	6040	719	11.9%	649	10.7%	630	10.4%	620	10.3%		0.0%		0.0%
1992	6619	777	11.7%	709	10.7%	692	10.5%	681	10.3%		0.0%		0.0%
1993	6856	875	12.8%	752	11.0%	732	10.7%	726	10.6%	708	10.3%	685	10.0%
1994	7369	832	11.3%	803	10.9%	777	10.5%	770	10.4%	750	10.2%	729	9.9%
1995	7673	910	11.9%	829	10.8%	812	10.6%	801	10.4%	783	10.2%	755	9.8%
1996	7691	884	11.5%	860	11.2%	829	10.8%	822	10.7%	815	10.6%	787	10.2%
1997	7943	890	11.2%	859	10.8%	834	10.5%	826	10.4%	811	10.2%	778	9.8%
1998	8336	996	11.9%	905	10.9%	877	10.5%	857	10.3%	839	10.1%	814	9.8%
1999	8873	998	11.2%	956	10.8%	934	10.5%	916	10.3%	904	10.2%	871	9.8%
2000	8989	1005	11.2%	944	10.5%	931	10.4%	917	10.2%	905	10.1%	880	9.8%
<b>2001</b>	<b>9322</b>	<b>998</b>	<b>10.7%</b>	<b>970</b>	<b>10.4%</b>	<b>952</b>	<b>10.2%</b>	<b>944</b>	<b>10.1%</b>	<b>932</b>	<b>10.0%</b>	<b>910</b>	<b>9.8%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-49 COLSTRIP

**LOCATION:** MT 39, 0.5 MILES SOUTH OF I 94 RP 50.7

**YEAR:** 2001

**LARGE TRUCKS:**

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	467	706	804	808	848	994	744	767	792	96.94%	0.00%
FEBRUARY	679	1103	690	868	0	1152	1099	932	887	105.05%	0.00%
MARCH	688	943	1017	1014	1056	1118	925	966	1008	95.87%	0.00%
APRIL	772	1295	1371	1398	1413	1479	1066	1256	1369	91.75%	0.00%
MAY	824	1260	1550	1555	1643	1470	1031	1333	1502	88.77%	0.00%
JUNE	862	1269	1228	1343	1261	1357	952	1182	1275	92.67%	0.00%
JULY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
AUGUST	0	0	0	0	0	0	0	0	0	0.00%	0.00%
SEPTEMBER	0	0	0	0	0	0	0	0	0	0.00%	0.00%
OCTOBER	670	1003	1031	1119	1144	1164	1102	1033	1074	96.19%	0.00%
NOVEMBER	638	906	920	975	977	1104	882	915	945	96.83%	0.00%
DECEMBER	576	807	837	963	989	995	834	857	899	95.36%	0.00%
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

MONTHS WITH 0's INDICATE CONSTRUCTION

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-49

**ROUTE:** P-39 (C000039)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1980	1186	303	25.5%	256	21.6%	237	20.0%	216	18.2%		0.0%		0.0%
1981	1394	457	32.8%	347	24.9%	291	20.9%	256	18.4%		0.0%		0.0%
1991	960	197	20.5%	148	15.4%	138	14.4%	133	13.9%		0.0%		0.0%
1992	983	171	17.4%	149	15.2%	141	14.3%	133	13.5%		0.0%		0.0%
1993	1045	183	17.5%	158	15.1%	151	14.4%	146	14.0%	141	13.5%	128	12.2%
1994	1025	203	19.8%	180	17.6%	169	16.5%	162	15.8%	138	13.5%	124	12.1%
1995	983	149	15.2%	133	13.5%	127	12.9%	124	12.6%	120	12.2%	110	11.2%
1996	877	145	16.5%	129	14.7%	120	13.7%	116	13.2%	109	12.4%	103	11.7%
1997	869	163	18.8%	128	14.7%	116	13.3%	113	13.0%	107	12.3%	98	11.3%
1998	885	149	16.8%	131	14.8%	122	13.8%	116	13.1%	107	12.1%	98	11.1%
1999	884	230	26.0%	125	14.1%	117	13.2%	115	13.0%	109	12.3%	100	11.3%
2000	918	188	20.5%	143	15.6%	133	14.5%	125	13.6%	117	12.7%	109	11.9%

UNDER CONSTRUCTION IN 2001

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-50 BILLINGS

**YEAR:** 2001

**LOCATION:** US 87, ON MAIN STREET, BETWEEN MILTON ROAD AND HANSEN LANE IN BILLINGS

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	21666	29415	32491	32899	32832	35399	28720	30489	31909	95.55%	89.59%
FEBRUARY	24038	32514	30722	32532	32043	36269	32703	31546	31953	98.73%	92.70%
MARCH	25740	33523	33900	34529	35198	38923	33681	33642	34288	98.12%	98.86%
APRIL	25642	35535	35645	35810	36592	40255	34405	34841	35896	97.06%	102.38%
MAY	26165	33350	36418	37303	37863	41533	35331	35423	36234	97.76%	104.09%
JUNE	27129	36876	36500	37059	37721	41289	35011	35941	37039	97.03%	105.61%
JULY	27319	37355	37643	35318	37357	40282	33584	35551	36918	96.30%	104.47%
AUGUST	28111	36543	36255	37815	37461	39982	33968	35734	37019	96.53%	105.01%
SEPTEMBER	26993	31047	33927	34867	36150	38577	32761	33475	33998	98.46%	98.37%
OCTOBER	25695	34373	35428	36407	36312	40421	34576	34745	35630	97.51%	102.10%
NOVEMBER	24308	33335	33818	36173	32706	39462	33332	33305	34008	97.93%	97.87%
DECEMBER	25519	35029	30704	35902	36096	39249	33210	33673	34433	97.79%	98.95%
DAILY AVG. FOR YEAR	25694	34075	34454	35551	35694	39303	33440	34030	34944	97.39%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-50

**ROUTE:** N-16 (C000016)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	25085	2468	9.8%	2400	9.6%	2359	9.4%	<b>2333</b>	<b>9.3%</b>		0.0%		0.0%
1991	29284	3105	10.6%	2995	10.2%	2962	10.1%	<b>2937</b>	<b>10.0%</b>		0.0%		0.0%
1992	30959	5629	18.2%	3124	10.1%	3071	9.9%	<b>3048</b>	<b>9.8%</b>		0.0%		0.0%
1993	30954	3298	10.7%	3169	10.2%	3126	10.1%	<b>3080</b>	<b>10.0%</b>	3028	9.8%	2941	9.5%
1994	31917	3530	11.1%	3301	10.3%	3280	10.3%	<b>3231</b>	<b>10.1%</b>	3176	10.0%	3094	9.7%
1995	32739	3385	10.3%	3310	10.1%	3260	10.0%	<b>3227</b>	<b>9.9%</b>	3196	9.8%	3130	9.6%
1996	32208	3412	10.6%	3283	10.2%	3251	10.1%	<b>3197</b>	<b>9.9%</b>	3167	9.8%	3106	9.6%
1997	32734	3638	11.1%	3351	10.2%	3280	10.0%	<b>3265</b>	<b>10.0%</b>	3218	9.8%	3149	9.6%
1998	32959	3445	10.5%	3339	10.1%	3301	10.0%	<b>3272</b>	<b>9.9%</b>	3237	9.8%	3158	9.6%
1999	33597	3565	10.6%	3434	10.2%	3359	10.0%	<b>3324</b>	<b>9.9%</b>	3258	9.7%	3177	9.5%
2000	32640	3360	10.3%	3207	9.8%	3176	9.7%	<b>3158</b>	<b>9.7%</b>	3120	9.6%	3065	9.4%
<b>2001</b>	<b>34030</b>	<b>3495</b>	<b>10.3%</b>	<b>3350</b>	<b>9.8%</b>	<b>3318</b>	<b>9.8%</b>	<b>3289</b>	<b>9.7%</b>	<b>3248</b>	<b>9.5%</b>	<b>3165</b>	<b>9.3%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-51 BILLINGS

**YEAR:** 2001

**LOCATION:** U-1006, ON BROADWATER, BETWEEN 22ND & GAY PLACE IN BILLINGS

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	10011	13316	15035	15400	15151	16224	13156	14042	14726	95.36%	93.97%
FEBRUARY	10558	14637	14221	15299	14596	15850	13887	14150	14688	96.33%	94.69%
MARCH	11078	14986	15422	16052	15939	16955	14481	14988	15600	96.08%	100.30%
APRIL	11126	16241	16492	16917	16781	17836	14913	15758	16608	94.88%	105.46%
MAY	11629	15707	17616	18036	18182	19603	15776	16650	17385	95.77%	111.43%
JUNE	11497	16566	16873	17277	17344	18605	15267	16204	17015	95.23%	108.44%
JULY	11091	15971	16274	15116	16022	17357	13857	15098	15846	95.28%	101.04%
AUGUST	10748	15240	15256	15756	15439	16542	13569	14650	15423	94.99%	98.04%
SEPTEMBER	10552	13613	15284	15632	15506	16693	13855	14448	15009	96.26%	96.69%
OCTOBER	10283	14886	15532	16072	15354	16900	14412	14777	15461	95.58%	98.89%
NOVEMBER	10038	14650	14855	15565	13877	16460	13691	14162	14737	96.10%	94.78%
DECEMBER	10780	14704	13286	15708	15651	16792	13771	14385	14837	96.95%	96.27%
DAILY AVG. FOR YEAR	10783	15043	15512	16069	15820	17151	14220	14943	15611	95.72%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-51

**ROUTE:** U-1006 (C001006)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	13058	1562	12.0%	1415	10.8%	1363	10.4%	<b>1320</b>	<b>10.1%</b>		0.0%		0.0%
1991	13479	1556	11.5%	1423	10.6%	1382	10.3%	<b>1356</b>	<b>10.1%</b>		0.0%		0.0%
1992	13975	1490	10.7%	1449	10.4%	1423	10.2%	<b>1405</b>	<b>10.1%</b>		0.0%		0.0%
1993	14380	1524	10.6%	1473	10.2%	1453	10.1%	<b>1440</b>	<b>10.0%</b>	1412	9.8%	1385	9.6%
1994	14548	1554	10.7%	1483	10.2%	1461	10.0%	<b>1451</b>	<b>10.0%</b>	1431	9.8%	1397	9.6%
1995	14919	1563	10.5%	1506	10.1%	1487	10.0%	<b>1469</b>	<b>9.8%</b>	1449	9.7%	1420	9.5%
1996	13670	1484	10.9%	1433	10.5%	1419	10.4%	<b>1393</b>	<b>10.2%</b>	1370	10.0%	1336	9.8%
1997	14480	1560	10.8%	1486	10.3%	1463	10.1%	<b>1449</b>	<b>10.0%</b>	1425	9.8%	1391	9.6%
1998	14233	1648	11.6%	1450	10.2%	1438	10.1%	<b>1429</b>	<b>10.0%</b>	1412	9.9%	1378	9.7%
1999	15426	1638	10.6%	1546	10.0%	1532	9.9%	<b>1516</b>	<b>9.8%</b>	1495	9.7%	1457	9.4%
2000	14663	1544	10.5%	1493	10.2%	1470	10.0%	<b>1449</b>	<b>9.9%</b>	1433	9.8%	1405	9.6%
<b>2001</b>	<b>14943</b>	<b>1626</b>	<b>10.9%</b>	<b>1580</b>	<b>10.6%</b>	<b>1547</b>	<b>10.4%</b>	<b>1519</b>	<b>10.2%</b>	<b>1491</b>	<b>10.0%</b>	<b>1445</b>	<b>9.7%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-52 BILLINGS

**YEAR:** 2001

**LOCATION:** L-56-1029, OLD HARDIN HIGHWAY , BETWEEN PETERS & PICCOLLO IN BILLINGS

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2309	3270	3570	3588	3636	3815	2960	3307	3516	94.05%	88.25%
FEBRUARY	2468	3510	3496	3519	3522	3760	3029	3329	3512	94.80%	88.84%
MARCH	2587	3580	3570	3780	3804	4014	3164	3500	3684	95.01%	93.40%
APRIL	2953	3975	3890	4004	4056	4336	3807	3860	3981	96.96%	103.01%
MAY	3076	3941	4242	4361	4398	4669	4108	4114	4236	97.12%	109.77%
JUNE	3043	4454	4357	4347	4312	4718	4114	4192	4368	95.98%	111.87%
JULY	3074	4439	4323	4082	4375	4555	3701	4078	4305	94.74%	108.84%
AUGUST	3114	4385	4185	4339	4371	4615	3776	4112	4320	95.19%	109.74%
SEPTEMBER	2988	3842	4108	4122	4020	4302	3717	3871	4023	96.23%	103.31%
OCTOBER	2652	3963	3862	3984	3924	4243	3504	3733	3933	94.91%	99.62%
NOVEMBER	2565	3853	3711	3884	3471	3904	3210	3514	3730	94.22%	93.77%
DECEMBER	2425	3593	3235	3629	3683	3907	3027	3357	3535	94.96%	89.58%
DAILY AVG. FOR YEAR	2771	3900	3879	3970	3964	4237	3510	3747	3928	95.39%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-52

**ROUTE:** L-56-1029 (C561029)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** LOCAL - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	5945	645	10.8%	621	10.4%	612	10.3%	<b>603</b>	<b>10.1%</b>		0.0%		0.0%
1991	2717	353	13.0%	333	12.3%	319	11.7%	<b>315</b>	<b>11.6%</b>		0.0%		0.0%
1992	3068	407	13.3%	358	11.7%	348	11.3%	<b>340</b>	<b>11.1%</b>		0.0%		0.0%
1993	3302	450	13.6%	398	12.1%	393	11.9%	<b>381</b>	<b>11.5%</b>	373	11.3%	351	10.6%
1994	3212	423	13.2%	398	12.4%	382	11.9%	<b>366</b>	<b>11.4%</b>	353	11.0%	351	10.9%
1995	3369	432	12.8%	405	12.0%	385	11.4%	<b>378</b>	<b>11.2%</b>	368	10.9%	345	10.2%
1996	3367	458	13.6%	418	12.4%	405	12.0%	<b>398</b>	<b>11.8%</b>	377	11.2%	360	10.7%
1997	3529	798	22.6%	516	14.6%	446	12.6%	<b>430</b>	<b>12.2%</b>	405	11.5%	380	10.8%
1998	3586	460	12.8%	426	11.9%	418	11.7%	<b>414</b>	<b>11.5%</b>	401	11.2%	384	10.7%
1999	3720	1022	27.5%	533	14.3%	468	12.6%	<b>452</b>	<b>12.2%</b>	433	11.6%	405	10.9%
*2000	4069	872	21.4%	835	20.5%	801	19.7%	<b>716</b>	<b>17.6%</b>	647	15.9%	576	14.2%
<b>2001</b>	<b>3747</b>	<b>481</b>	<b>12.8%</b>	<b>441</b>	<b>11.8%</b>	<b>433</b>	<b>11.6%</b>	<b>423</b>	<b>11.3%</b>	<b>412</b>	<b>11.0%</b>	<b>396</b>	<b>10.6%</b>

\* TRAFFIC WAS DIVERTED FROM INTERSTATE

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-53 LOCATE

YEAR: 2001

LOCATION: US 12, 36.6 MILES EAST OF I 94 NEAR LOCATE RP 36.6

LARGE TRUCKS:

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	265	350	409	387	372	454	388	375	380	98.81%	0.00%
FEBRUARY	280	395	394	342	382	487	413	385	378	101.71%	0.00%
MARCH	383	397	404	379	412	517	438	419	398	105.17%	0.00%
APRIL	396	412	429	419	464	525	463	444	431	103.02%	0.00%
MAY	484	496	493	519	519	565	519	514	507	101.35%	0.00%
JUNE	508	556	528	523	565	565	497	535	543	98.45%	0.00%
JULY	ULLED JUNE 11, 2001										
AUGUST											
SEPTEMBER											
OCTOBER											
NOVEMBER											
DECEMBER											
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-53

**ROUTE:** P-2 (C000002)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	583	123	21.1%	76	13.0%	70	12.0%	<b>64</b>	<b>11.0%</b>		0.0%		0.0%
1991	384	62	16.1%	56	14.6%	53	13.8%	<b>52</b>	<b>13.5%</b>		0.0%		0.0%
1992	402	109	27.1%	60	14.9%	56	13.9%	<b>53</b>	<b>13.2%</b>		0.0%		0.0%
1993	414	71	17.1%	62	15.0%	57	13.8%	<b>56</b>	<b>13.5%</b>	53	12.8%	49	11.8%
1994	420	96	22.9%	66	15.7%	61	14.5%	<b>58</b>	<b>13.8%</b>	56	13.3%	51	12.1%
1995	444	133	30.0%	78	17.6%	68	15.3%	<b>65</b>	<b>14.6%</b>	62	14.0%	56	12.6%
1996	433	85	19.6%	63	14.5%	62	14.3%	<b>59</b>	<b>13.6%</b>	57	13.2%	54	12.5%
1997	465	96	20.6%	68	14.6%	62	13.3%	<b>60</b>	<b>12.9%</b>	59	12.7%	55	11.8%
1998	489	99	20.2%	72	14.7%	67	13.7%	<b>65</b>	<b>13.3%</b>	62	12.7%	58	11.9%
1999	468	143	30.6%	88	18.8%	82	17.5%	<b>77</b>	<b>16.5%</b>	70	15.0%	62	13.2%
2000	454	105	23.1%	70	15.4%	63	13.9%	<b>61</b>	<b>13.4%</b>	57	12.6%	53	11.7%

REPLACED WITH A-111

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-54 BILLINGS

**YEAR:** 2001

**LOCATION:** M-10-93, 19TH STREET WEST, BETWEEN WYOMING & YELLOWSTONE AVENUES

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	4816	7219	8230	8220	8233	8899	6999	7517	7976	94.25%	92.44%
FEBRUARY	5164	8120	7719	8169	7929	8660	7357	7588	7984	95.04%	93.32%
MARCH	5454	8312	8650	8574	8766	9512	7469	8105	8576	94.52%	99.68%
APRIL	5679	9245	9420	9406	9539	10066	8213	8795	9403	93.54%	108.17%
MAY	6179	8865	10140	10395	10461	11156	8442	9377	9965	94.10%	115.32%
JUNE	6161	9859	9876	9883	10208	10899	8249	9305	9957	93.46%	114.44%
JULY	5964	9506	9785	8765	9730	10259	7766	8825	9447	93.42%	108.53%
AUGUST	5843	8969	9194	9252	9163	9753	7462	8519	9145	93.16%	104.78%
SEPTEMBER	5357	7878	8774	8856	9081	9629	7590	8166	8647	94.44%	100.43%
OCTOBER	3278	6236	6466	7360	6458	6164	4931	5842	6630	88.11%	71.85%
NOVEMBER	4907	8044	8093	8523	7228	9012	7060	7552	7972	94.74%	92.88%
DECEMBER	5646	8269	7306	8898	8763	9379	7605	7981	8309	96.05%	98.15%
DAILY AVG. FOR YEAR	5371	8377	8638	8858	8797	9449	7429	8131	8667	93.81%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-54

**ROUTE:** M-10-93 (C001093)

**FUNCTIONAL CLASS:** COLLECTOR

**TRAFFIC TYPE:** LOCAL - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1984	5450	875	16.1%	664	12.2%	651	11.9%	<b>637</b>	<b>11.7%</b>		0.0%		0.0%
1991	6896	892	12.9%	822	11.9%	790	11.5%	<b>771</b>	<b>11.2%</b>		0.0%		0.0%
1992	7103	887	12.5%	816	11.5%	801	11.3%	<b>791</b>	<b>11.1%</b>		0.0%		0.0%
1993	7552	1092	14.5%	993	13.1%	947	12.5%	<b>874</b>	<b>11.6%</b>	843	11.2%	815	10.8%
1994	7902	1118	14.1%	986	12.5%	908	11.5%	<b>880</b>	<b>11.1%</b>	861	10.9%	831	10.5%
1995	7252	1043	14.4%	904	12.5%	877	12.1%	<b>861</b>	<b>11.9%</b>	848	11.7%	825	11.4%
1996	7778	969	12.5%	916	11.8%	902	11.6%	<b>891</b>	<b>11.5%</b>	873	11.2%	850	10.9%
1999	7964	1048	13.2%	918	11.5%	903	11.3%	<b>889</b>	<b>11.2%</b>	875	11.0%	844	10.6%
2000	8028	959	11.9%	895	11.1%	878	10.9%	<b>871</b>	<b>10.8%</b>	856	10.7%	837	10.4%
<b>2001</b>	<b>8131</b>	<b>1078</b>	<b>13.3%</b>	<b>966</b>	<b>11.9%</b>	<b>932</b>	<b>11.5%</b>	<b>921</b>	<b>11.3%</b>	<b>913</b>	<b>11.2%</b>	<b>880</b>	<b>10.8%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-56 HAMILTON

**YEAR:** 2001

**LOCATION:** US 93, 2.5 MILES NORTH OF HAMILTON RP 51

**LARGE TRUCKS:** 1.8%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	5985	9667	10294	10218	10265	10611	8288	9333	10111	92.30%	86.89%
FEBRUARY	6201	9912	10495	10446	9982	10550	8576	9452	10209	92.58%	87.99%
MARCH	6982	10663	11051	11021	11267	11855	10139	10425	11001	94.77%	97.06%
APRIL	7230	11049	11436	11430	11528	12283	9871	10690	11361	94.09%	99.52%
MAY	8308	10953	12032	12096	12468	12995	10661	11359	11887	95.56%	105.75%
JUNE	8517	12320	12614	12775	12832	13688	10890	11948	12635	94.56%	111.23%
JULY	8689	12485	12913	11764	12742	13275	10790	11808	12476	94.65%	109.93%
AUGUST	8519	12218	12550	12675	12796	13554	10484	11828	12560	94.17%	110.12%
SEPTEMBER	8175	10990	11849	11782	12074	12808	10811	11213	11674	96.05%	104.39%
OCTOBER	7234	11209	11527	11714	11742	12559	10280	10895	11548	94.35%	101.43%
NOVEMBER	6989	10850	11315	11362	10314	11731	9663	10318	10960	94.14%	96.06%
DECEMBER	6644	10124	9254	10811	10582	10910	9064	9627	10193	94.45%	89.63%
DAILY AVG. FOR YEAR	7456	11037	11444	11508	11549	12235	9960	10741	11385	94.35%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-56

**ROUTE:** N-7 (C000007)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	5853	733	12.5%	655	11.2%	630	10.8%	<b>618</b>	<b>10.6%</b>		0.0%		0.0%
1991	7583	1007	13.3%	905	11.9%	880	11.6%	<b>864</b>	<b>11.4%</b>		0.0%		0.0%
1992	8131	975	12.0%	895	11.0%	874	10.7%	<b>862</b>	<b>10.6%</b>		0.0%		0.0%
1993	8572	1042	12.2%	953	11.1%	941	11.0%	<b>930</b>	<b>10.8%</b>	909	10.6%	875	10.2%
1994	9126	1115	12.2%	983	10.8%	964	10.6%	<b>952</b>	<b>10.4%</b>	936	10.3%	917	10.0%
1995	9250	1091	11.8%	1012	10.9%	979	10.6%	<b>970</b>	<b>10.5%</b>	954	10.3%	926	10.0%
1996	9423	1124	11.9%	1039	11.0%	1021	10.8%	<b>1004</b>	<b>10.7%</b>	992	10.5%	964	10.2%
1997	10119	1237	12.2%	1130	11.2%	1114	11.0%	<b>1100</b>	<b>10.9%</b>	1074	10.6%	1050	10.4%
1998	9795	1181	12.1%	1064	10.9%	1043	10.6%	<b>1036</b>	<b>10.6%</b>	1012	10.3%	982	10.0%
1999	10211	1169	11.4%	1124	11.0%	1094	10.7%	<b>1082</b>	<b>10.6%</b>	1058	10.4%	1031	10.1%
2000	10605	1207	11.4%	1138	10.7%	1122	10.6%	<b>1112</b>	<b>10.5%</b>	1092	10.3%	1067	10.1%
<b>2001</b>	<b>10741</b>	<b>1174</b>	<b>10.9%</b>	<b>1139</b>	<b>10.6%</b>	<b>1122</b>	<b>10.4%</b>	<b>1108</b>	<b>10.3%</b>	<b>1096</b>	<b>10.2%</b>	<b>1065</b>	<b>9.9%</b>



### AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-57 LODGE GRASS

YEAR: 2001

LOCATION: I-90, JUST SOUTH OF LODGE GRASS RP 533.1

**LARGE TRUCKS:**

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
FEBRUARY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
MARCH	0	0	0	0	0	0	0	0	0	0.00%	0.00%
APRIL	0	0	0	0	0	0	0	0	0	0.00%	0.00%
MAY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JUNE	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JULY	6071	5324	5201	5184	5464	5897	5866	5572	5293	105.27%	0.00%
AUGUST	6021	5337	5218	5474	5643	6068	6213	5711	5418	105.40%	0.00%
SEPTEMBER	4428	4282	4012	4168	4505	4812	4794	4429	4242	104.41%	0.00%
OCTOBER	3704	3259	3206	3361	3774	4081	3716	3586	3400	105.47%	0.00%
NOVEMBER	3610	2706	2871	3425	2930	3348	3833	3246	2983	108.82%	0.00%
DECEMBER	3114	2352	2320	3029	3169	3450	3578	3002	2718	110.46%	0.00%
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

MONTHS WITH 0's INDICATE CONSTRUCTION

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-57

**ROUTE:** I-90 (C000090)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
*1992	3120	451	14.5%	413	13.2%	405	13.0%	<b>398</b>	<b>12.8%</b>		0.0%		0.0%
1993	3110	613	19.7%	464	14.9%	443	14.2%	<b>435</b>	<b>14.0%</b>	425	13.7%	406	13.1%
1994	3058	522	17.1%	468	15.3%	456	14.9%	<b>443</b>	<b>14.5%</b>	423	13.8%	394	12.9%
1995	3333	523	15.7%	494	14.8%	464	13.9%	<b>450</b>	<b>13.5%</b>	438	13.1%	421	12.6%
1996	3370	569	16.9%	517	15.3%	503	14.9%	<b>487</b>	<b>14.5%</b>	473	14.0%	449	13.3%
1997	3399	529	15.6%	486	14.3%	474	13.9%	<b>467</b>	<b>13.7%</b>	450	13.2%	431	12.7%
1998	3523	580	16.5%	508	14.4%	483	13.7%	<b>479</b>	<b>13.6%</b>	462	13.1%	439	12.5%
1999	3634	536	14.7%	513	14.1%	493	13.6%	<b>478</b>	<b>13.2%</b>	465	12.8%	441	12.1%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-58 RED LODGE

**LOCATION:** US 212, 1.8 MILES NORTH OF RED LODGE RP 72.1

**YEAR:** 2001

**LARGE TRUCKS:**

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2307	2249	2083	2155	2127	2333	2609	2266	2154	105.23%	0.00%
FEBRUARY	2331	1842	1591	1786	1938	2126	2659	2039	1789	113.96%	0.00%
MARCH	0	0	0	0	0	0	0	0	0	0.00%	0.00%
APRIL	2365	2268	2262	2315	2396	2624	2366	2371	2310	102.62%	0.00%
MAY	2959	2852	2512	2617	2785	2947	3211	2840	2692	105.53%	0.00%
JUNE	3478	3112	3024	2962	3218	3746	3925	3352	3079	108.87%	0.00%
JULY	4393	3779	3882	4428	3842	4514	4818	4237	3983	106.37%	0.00%
AUGUST	4597	3700	3583	3758	3873	4463	4825	4114	3729	110.34%	0.00%
SEPTEMBER	2930	2570	2597	2620	2618	0	3241	2763	2601	106.21%	0.00%
OCTOBER	2133	2252	2279	2409	2383	2648	2696	2400	2331	102.97%	0.00%
NOVEMBER	1888	2133	2186	2553	2229	2636	2520	2306	2275	101.37%	0.00%
DECEMBER	2152	2315	2066	2392	2393	2456	2457	2319	2292	101.19%	0.00%
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

MONTHS WITH 0'S INDICATE COUNTER FAILURE

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-58

**ROUTE:** P-28 (C000028)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RECREATIONAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	1695	376	22.2%	321	18.9%	295	17.4%	<b>279</b>	<b>16.5%</b>		0.0%		0.0%
1991	2068	730	35.3%	407	19.7%	380	18.4%	<b>367</b>	<b>17.7%</b>		0.0%		0.0%
1992	2211	824	37.3%	431	19.5%	390	17.6%	<b>376</b>	<b>17.0%</b>		0.0%		0.0%
1993	2375	511	21.5%	413	17.4%	393	16.5%	<b>382</b>	<b>16.1%</b>	360	15.2%	325	13.7%
1994	2587	764	29.5%	455	17.6%	414	16.0%	<b>402</b>	<b>15.5%</b>	377	14.6%	348	13.5%
1995	3070	656	21.4%	433	14.1%	420	13.7%	<b>407</b>	<b>13.3%</b>	389	12.7%	362	11.8%
1996	2697	820	30.4%	456	16.9%	421	15.6%	<b>411</b>	<b>15.2%</b>	385	14.3%	362	13.4%
1997	2721	906	33.3%	467	17.2%	426	15.7%	<b>403</b>	<b>14.8%</b>	380	14.0%	350	12.9%
1998	2736	868	31.7%	467	17.1%	439	16.0%	<b>417</b>	<b>15.2%</b>	393	14.4%	356	13.0%
1999	2784	829	29.8%	466	16.7%	433	15.6%	<b>413</b>	<b>14.8%</b>	394	14.2%	357	12.8%
2000	2772	931	33.6%	488	17.6%	453	16.3%	<b>427</b>	<b>15.4%</b>	395	14.2%	362	13.1%

UNDER CONSTRUCTION IN 2001

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-59 BILLINGS

LOCATION: I-90, BILLINGS URBAN RP 447.8

YEAR: 2001

LARGE TRUCKS:

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
FEBRUARY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
MARCH	0	0	0	0	0	0	0	0	0	0.00%	0.00%
APRIL	0	0	0	0	0	0	0	0	0	0.00%	0.00%
MAY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JUNE	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JULY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
AUGUST	22933	25948	25955	26706	26994	28482	26366	26198	26401	99.23%	0.00%
SEPTEMBER	19133	21683	22578	23565	24233	25948	23007	22878	23015	99.41%	0.00%
OCTOBER	18173	21497	22083	23181	24029	26670	23189	22689	22698	99.96%	0.00%
NOVEMBER	16678	19553	20568	22193	20107	23543	21030	20525	20605	99.61%	0.00%
DECEMBER	15860	18915	18026	21727	21823	23317	20042	19959	20123	99.18%	0.00%
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

MONTHS WITH 0's INDICATE CONSTRUCTION

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-59

**ROUTE:** I-90 (C000090)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
*1991	14067	2833	20.1%	1605	11.4%	1533	10.9%	<b>1509</b>	<b>10.7%</b>		0.0%		0.0%
1992	14032	1721	12.3%	1539	11.0%	1505	10.7%	<b>1482</b>	<b>10.6%</b>		0.0%		0.0%
1993	15267	2033	13.3%	1777	11.6%	1710	11.2%	<b>1674</b>	<b>11.0%</b>	1623	10.6%	1548	10.1%
1994	16318	2064	12.6%	1801	11.0%	1748	10.7%	<b>1720</b>	<b>10.5%</b>	1666	10.2%	1588	9.7%
1995	18511	2430	13.1%	2075	11.2%	2001	10.8%	<b>1954</b>	<b>10.6%</b>	1882	10.2%	1814	9.8%
1996	17754	2051	11.6%	1956	11.0%	1903	10.7%	<b>1886</b>	<b>10.6%</b>	1850	10.4%	1773	10.0%
1997	17683	2122	12.0%	1958	11.1%	1903	10.8%	<b>1869</b>	<b>10.6%</b>	1799	10.2%	1721	9.7%
1998	19955	2314	11.6%	2182	10.9%	2102	10.5%	<b>2083</b>	<b>10.4%</b>	2041	10.2%	1957	9.8%

UNDER CONSTRUCTION IN 1999, 2000, AND 2001

\*DATA BASED ON 9 MONTHS IN OPERATION

\*\* DESIGN HOUR VOLUME

FILE: S:\ATRA\TRBK\2001\DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-60 HOUSE OF MYSTERY

**YEAR:** 2001

**LOCATION:** US 2, 1.5 MILES NORTH OF COLUMBIA FALLS HEIGHTS RP 139.6

**LARGE TRUCKS:** 1.5%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	3203	3695	3958	4007	4018	4388	3653	3846	3920	98.12%	59.22%
FEBRUARY	3263	3877	4201	4085	3675	4536	3752	3913	3960	98.82%	60.25%
MARCH	3926	4464	4478	4433	4561	4930	4286	4440	4484	99.01%	68.37%
APRIL	4317	4749	4750	4899	5012	5556	4922	4886	4853	100.70%	75.24%
MAY	7057	6665	6158	6336	6643	7325	6838	6717	6451	104.14%	103.44%
JUNE	8219	8104	8190	8322	8798	9654	9311	8657	8354	103.63%	133.30%
JULY	11919	11350	11054	11355	11661	12705	12379	11775	11355	103.70%	181.31%
AUGUST	12153	11064	10558	10734	10816	11946	12288	11366	10793	105.31%	175.01%
SEPTEMBER	8299	8323	7458	7297	7240	8063	8664	7906	7580	104.31%	121.75%
OCTOBER	4997	5863	5582	5937	5711	6509	5587	5741	5773	99.44%	88.40%
NOVEMBER	4109	4609	4645	4671	4420	5079	4582	4588	4586	100.04%	70.65%
DECEMBER	3535	4280	3877	4024	4230	4695	4023	4095	4103	99.81%	63.05%
DAILY AVG. FOR YEAR	6250	6420	6242	6342	6399	7116	6690	6494	6351	102.26%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-60

**ROUTE:** N-1 (C000001)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RECREATIONAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1982	3549	737	20.8%	660	18.6%	643	18.1%	<b>628</b>	<b>17.7%</b>		0.0%		0.0%
1991	5116	974	19.0%	916	17.9%	907	17.7%	<b>888</b>	<b>17.4%</b>		0.0%		0.0%
1992	5720	1046	18.3%	987	17.3%	965	16.9%	<b>945</b>	<b>16.5%</b>		0.0%		0.0%
1993	5881	1080	18.4%	1029	17.5%	1001	17.0%	<b>979</b>	<b>16.6%</b>	953	16.2%	907	15.4%
1994	6146	1148	18.7%	1029	16.7%	995	16.2%	<b>977</b>	<b>15.9%</b>	959	15.6%	916	14.9%
1995	6305	1074	17.0%	1038	16.5%	1002	15.9%	<b>990</b>	<b>15.7%</b>	966	15.3%	935	14.8%
1996	6135	1063	17.3%	1035	16.9%	1004	16.4%	<b>996</b>	<b>16.2%</b>	978	15.9%	946	15.4%
1997	6295	1160	18.4%	1104	17.5%	1074	17.1%	<b>1046</b>	<b>16.6%</b>	1007	16.0%	952	15.1%
1998	6448	1129	17.5%	1027	15.9%	1014	15.7%	<b>1000</b>	<b>15.5%</b>	970	15.0%	933	14.5%
1999	6448	1144	17.7%	1053	16.3%	1038	16.1%	<b>1020</b>	<b>15.8%</b>	999	15.5%	956	14.8%
2000	6341	1102	17.4%	1056	16.7%	1028	16.2%	<b>1013</b>	<b>16.0%</b>	983	15.5%	942	14.9%
<b>2001</b>	<b>6494</b>	<b>1122</b>	<b>17.3%</b>	<b>1069</b>	<b>16.5%</b>	<b>1026</b>	<b>15.8%</b>	<b>1015</b>	<b>15.6%</b>	<b>990</b>	<b>15.2%</b>	<b>950</b>	<b>14.6%</b>



**AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-61 SHELBY

**YEAR:** 2001

**LOCATION:** I-15, JUST NORTH OF MARIAS INTERCHANGE RP 359.6

**LARGE TRUCKS:** 24.8%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1891	1880	2289	2397	2490	2681	2539	2310	2264	102.01%	84.62%
FEBRUARY	0	2039	2139	2408	2421	2596	2586	2365	2252	105.02%	86.65%
MARCH	2307	2409	2635	2653	2845	3031	2916	2685	2636	101.88%	98.39%
APRIL	2481	2590	2451	2874	2996	3282	2859	2790	2728	102.30%	102.24%
MAY	2499	2614	2731	2824	2903	3123	2878	2796	2768	101.01%	102.45%
JUNE	2764	2882	2880	3114	3117	3383	3103	3035	2998	101.22%	111.19%
JULY	3077	3251	3226	3263	3535	3643	3270	3324	3319	100.15%	121.78%
AUGUST	2862	3142	3079	3244	3207	3519	3129	3169	3168	100.03%	116.11%
SEPTEMBER	2428	2660	2603	2757	2795	3172	2929	2763	2704	102.21%	101.25%
OCTOBER	2307	2552	2539	2649	2751	3017	2701	2645	2623	100.85%	96.92%
NOVEMBER	2067	2252	2298	2504	2483	2906	2619	2447	2384	102.63%	89.66%
DECEMBER	2073	1958	2415	2449	2548	2816	2627	2412	2343	102.98%	88.39%
DAILY AVG. FOR YEAR	2432	2519	2607	2761	2841	3097	2846	2729	2682	101.76%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-61

**ROUTE:** I-15 (C000015)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
*1991	2504	339	13.5%	308	12.3%	299	11.9%	<b>291</b>	<b>11.6%</b>		0.0%		0.0%
1992	2489	387	15.5%	322	12.9%	309	12.4%	<b>300</b>	<b>12.1%</b>		0.0%		0.0%
1993	2484	366	14.7%	318	12.8%	296	11.9%	<b>293</b>	<b>11.8%</b>	280	11.3%	269	10.8%
1994	2466	332	13.5%	299	12.1%	286	11.6%	<b>278</b>	<b>11.3%</b>	271	11.0%	254	10.3%
1995	2461	319	13.0%	288	11.7%	274	11.1%	<b>269</b>	<b>10.9%</b>	260	10.6%	250	10.2%
1996	2567	488	19.0%	391	15.2%	324	12.6%	<b>307</b>	<b>12.0%</b>	293	11.4%	280	10.9%
1997	2693	394	14.6%	325	12.1%	308	11.4%	<b>300</b>	<b>11.1%</b>	291	10.8%	276	10.2%
1998	2620	403	15.4%	314	12.0%	293	11.2%	<b>287</b>	<b>11.0%</b>	277	10.6%	263	10.0%
1999	2687	346	12.9%	306	11.4%	294	10.9%	<b>289</b>	<b>10.8%</b>	279	10.4%	268	10.0%
2000	2712	368	13.6%	304	11.2%	291	10.7%	<b>288</b>	<b>10.6%</b>	279	10.3%	268	9.9%
<b>2001</b>	<b>2729</b>	<b>319</b>	<b>11.7%</b>	<b>294</b>	<b>10.8%</b>	<b>282</b>	<b>10.3%</b>	<b>280</b>	<b>10.3%</b>	<b>272</b>	<b>10.0%</b>	<b>262</b>	<b>9.6%</b>

\*DATA BASED ON 9 MONTHS OF OPERATION

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-62 ELMO

**LOCATION:** US 93, 0.8 MILES NORTH OF ELMO RP 78

**YEAR:** 2001

**LARGE TRUCKS:** 7.0%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2248	2431	2483	2553	2600	2911	2682	2558	2517	101.65%	0.00%
FEBRUARY	2513	2481	2564	2580	2412	3164	2935	2664	2509	106.17%	0.00%
MARCH	3073	2775	2836	2946	3127	3661	3478	3128	2921	107.09%	0.00%
APRIL	3158	2881	2789	2968	2968	3735	3531	3147	2902	108.47%	0.00%
MAY	3773	3515	3295	3457	3638	4516	4192	3769	3476	108.43%	0.00%
JUNE	0	0	0	0	0	0	0	0	0	0.00%	0.00%
JULY	6228	5274	4843	5030	5770	6623	6197	5709	5229	109.18%	0.00%
AUGUST	6025	5268	4939	5024	5133	6225	5982	5514	5091	108.30%	0.00%
SEPTEMBER	4290	4229	3726	3739	3899	4766	4838	4212	3898	108.06%	0.00%
OCTOBER	3261	3173	3071	3290	3435	4254	3670	3451	3242	106.43%	0.00%
NOVEMBER	3074	2837	2893	3216	2821	3378	3362	3083	2942	104.80%	0.00%
DECEMBER	2643	2560	2483	2935	2909	3122	3195	2835	2722	104.17%	0.00%
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

DAYS WITH 0's INDICATE COUNTER FAILURE

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-62

**ROUTE:** N-5 (C000005)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	1911	339	17.7%	320	16.7%	309	16.2%	<b>299</b>	<b>15.6%</b>		0.0%		0.0%
1991	2916	551	18.9%	471	16.2%	460	15.8%	<b>448</b>	<b>15.4%</b>		0.0%		0.0%
1992	3142	593	18.9%	500	15.9%	485	15.4%	<b>471</b>	<b>15.0%</b>		0.0%		0.0%
1993	3385	591	17.5%	531	15.7%	506	14.9%	<b>491</b>	<b>14.5%</b>	477	14.1%	448	13.2%
1994	3444	606	17.6%	512	14.9%	501	14.5%	<b>491</b>	<b>14.3%</b>	474	13.8%	451	13.1%
1995	3447	576	16.7%	526	15.3%	509	14.8%	<b>495</b>	<b>14.4%</b>	477	13.8%	452	13.1%
1996	3515	567	16.1%	530	15.1%	521	14.8%	<b>513</b>	<b>14.6%</b>	489	13.9%	471	13.4%
1997	3600	638	17.7%	583	16.2%	565	15.7%	<b>550</b>	<b>15.3%</b>	525	14.6%	488	13.6%
1998	3635	657	18.1%	556	15.3%	528	14.5%	<b>515</b>	<b>14.2%</b>	493	13.6%	469	12.9%
1999	3689	610	16.5%	555	15.0%	533	14.4%	<b>524</b>	<b>14.2%</b>	502	13.6%	470	12.7%
2000	3624	584	16.1%	534	14.7%	512	14.1%	<b>503</b>	<b>13.9%</b>	485	13.4%	459	12.7%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-63 ASHLAND

**LOCATION:** US 212, 13 MILES EAST OF ASHLAND RP 76.7

**YEAR:** 2001

**LARGE TRUCKS:** 37.9%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	343	364	411	440	443	543	500	435	415	104.91%	70.44%
FEBRUARY	420	426	413	442	372	459	439	424	413	102.71%	68.75%
MARCH	561	421	459	509	496	557	563	509	471	108.10%	82.52%
APRIL	559	496	489	583	604	633	597	566	543	104.21%	91.66%
MAY	676	618	615	668	689	751	684	672	648	103.72%	108.78%
JUNE	734	632	703	713	753	781	779	728	700	103.94%	117.90%
JULY	782	655	698	675	712	776	713	716	685	104.50%	115.96%
AUGUST	847	722	768	748	787	858	797	790	756	104.41%	127.90%
SEPTEMBER	654	622	641	665	646	717	720	666	644	103.56%	107.95%
OCTOBER	686	620	686	694	730	820	749	712	683	104.34%	115.36%
NOVEMBER	744	530	568	744	642	673	798	671	621	108.10%	108.74%
DECEMBER	457	406	468	572	587	592	550	519	508	102.09%	84.05%
DAILY AVG. FOR YEAR	622	543	577	621	622	680	657	617	591	104.54%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-63

**ROUTE:** N-37 (C000037)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
*1992	650	109	16.8%	92	14.2%	83	12.8%	<b>79</b>	<b>12.2%</b>		0.0%		0.0%
1993	572	99	17.3%	83	14.5%	78	13.6%	<b>73</b>	<b>12.8%</b>	69	12.1%	65	11.4%
1994	598	90	15.1%	82	13.7%	79	13.2%	<b>77</b>	<b>12.9%</b>	75	12.5%	70	11.7%
1995	601	121	20.1%	102	17.0%	91	15.1%	<b>88</b>	<b>14.6%</b>	81	13.5%	74	12.3%
1996	590	160	27.1%	109	18.5%	101	17.1%	<b>96</b>	<b>16.3%</b>	88	14.9%	78	13.2%
1997	638	135	21.2%	113	17.7%	106	16.6%	<b>96</b>	<b>15.0%</b>	86	13.5%	77	12.1%
1998	582	115	19.8%	96	16.5%	90	15.5%	<b>87</b>	<b>14.9%</b>	80	13.7%	73	12.5%
1999	631	150	23.8%	124	19.7%	112	17.7%	<b>105</b>	<b>16.6%</b>	94	14.9%	82	13.0%
2000	674	220	32.6%	145	21.5%	134	19.9%	<b>124</b>	<b>18.4%</b>	109	16.2%	88	13.1%
<b>2001</b>	<b>617</b>	<b>106</b>	<b>17.2%</b>	<b>87</b>	<b>14.1%</b>	<b>83</b>	<b>13.5%</b>	<b>78</b>	<b>12.6%</b>	<b>74</b>	<b>12.0%</b>	<b>68</b>	<b>11.0%</b>

\*DATA BASED ON 5 MONTHS OF OPERATION

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-64 MEADOW VILLAGE

**YEAR:** 2001

**LOCATION:** LOCAL ROAD #81064, WEST OF US 191 RP 1.6

**LARGE TRUCKS:** 1.5%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	3219	4024	4102	4020	4144	4435	4060	4001	4073	98.23%	99.40%
FEBRUARY	3850	4207	4221	4313	4250	4463	4544	4264	4248	100.38%	105.95%
MARCH	3871	4218	4336	4348	4607	4736	4454	4367	4377	99.77%	108.51%
APRIL	1970	3166	3350	3327	3383	3348	2533	3011	3307	91.06%	74.81%
MAY	1590	2720	3071	3047	3248	2861	1931	2638	3022	87.32%	65.55%
JUNE	2609	4244	4297	4188	4541	4338	3211	3918	4318	90.75%	97.36%
JULY	3873	5639	5911	5665	5758	5672	4801	5331	5743	92.83%	132.46%
AUGUST	4125	5558	5703	5971	5964	5806	4769	5414	5799	93.36%	134.51%
SEPTEMBER	3004	4523	5055	4978	4872	4651	3445	4361	4857	89.79%	108.36%
OCTOBER	1818	3888	4064	4253	3993	3762	2488	3467	4050	85.60%	86.13%
NOVEMBER	2089	3632	3905	3878	3533	3835	2458	3333	3737	89.19%	82.81%
DECEMBER	3283	4482	3772	4424	4784	4625	3971	4192	4366	96.02%	104.15%
DAILY AVG. FOR YEAR	2942	4192	4316	4368	4423	4378	3555	4025	4325	93.07%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-64

**ROUTE:** X-81064 (C081064)

**FUNCTIONAL CLASS:** MAJOR COLLECTOR

**TRAFFIC TYPE:** STATE HIGHWAYS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
*1992	2457	380	15.5%	339	13.8%	326	13.3%	<b>306</b>	<b>12.5%</b>		0.0%		0.0%
1993	2549	443	17.4%	392	15.4%	366	14.4%	<b>349</b>	<b>13.7%</b>	335	13.1%	309	12.1%
1994	2684	471	17.5%	379	14.1%	360	13.4%	<b>352</b>	<b>13.1%</b>	339	12.6%	313	11.7%
1995	2966	770	26.0%	508	17.1%	417	14.1%	<b>410</b>	<b>13.8%</b>	382	12.9%	361	12.2%
1996	3093	845	27.3%	474	15.3%	444	14.4%	<b>424</b>	<b>13.7%</b>	406	13.1%	380	12.3%
1997	3287	626	19.0%	488	14.8%	458	13.9%	<b>443</b>	<b>13.5%</b>	421	12.8%	391	11.9%
1998	3465	617	17.8%	481	13.9%	465	13.4%	<b>458</b>	<b>13.2%</b>	440	12.7%	414	11.9%
1999	3774	862	22.8%	580	15.4%	542	14.4%	<b>506</b>	<b>13.4%</b>	484	12.8%	450	11.9%
2000	3875	663	17.1%	585	15.1%	548	14.1%	<b>513</b>	<b>13.2%</b>	497	12.8%	458	11.8%
<b>2001</b>	<b>4025</b>	<b>808</b>	<b>20.1%</b>	<b>563</b>	<b>14.0%</b>	<b>546</b>	<b>13.6%</b>	<b>521</b>	<b>12.9%</b>	<b>504</b>	<b>12.5%</b>	<b>471</b>	<b>11.7%</b>

\* DATA BASED ON 6 MONTHS OF OPERATION

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-65 BUTTE

**YEAR:** 2001

**LOCATION:** I-15, BETWEEN MONTANA ST & HARRISON AVE INTERCHANGE RP 127.2 **LARGE TRUCKS:**

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	8440	9218	9738	9872	10366	10711	9629	9711	9799	99.10%	0.00%
FEBRUARY	9278	9568	9604	10048	10119	10849	10178	9949	9835	101.16%	0.00%
MARCH	11251	10193	10731	11040	11649	12803	12223	11413	10903	104.67%	0.00%
APRIL	11380	10910	11439	11760	11854	13328	11688	11766	11491	102.39%	0.00%
MAY	12609	12608	12430	12978	13627	15285	13743	13326	12911	103.21%	0.00%
JUNE	13893	13713	14089	13843	15179	16673	15227	14660	14206	103.19%	0.00%
JULY	0	0	0	0	0	0	0	0	0	0.00%	0.00%
AUGUST	16142	15228	15294	15769	16237	17805	16426	16129	15632	103.18%	0.00%
SEPTEMBER	13729	13549	13166	13780	14205	15790	14716	14134	13675	103.35%	0.00%
OCTOBER	11658	11316	11663	12342	12845	14395	12613	12405	12042	103.02%	0.00%
NOVEMBER	11526	10956	11486	12394	11101	12884	12386	11819	11484	102.91%	0.00%
DECEMBER	9803	9449	8787	11571	11141	11167	11466	10483	10237	102.41%	0.00%
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

DAYS WITH 0'S INDICATE COUNTER FAILURE

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-65

**ROUTE:** I-15/I-90 (C000015/C000090)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
*1992	10435	1230	11.8%	1154	11.1%	1129	10.8%	<b>1110</b>	<b>10.6%</b>		0.0%		0.0%
1993	10872	1326	12.2%	1243	11.4%	1220	11.2%	<b>1208</b>	<b>11.1%</b>	1175	10.8%	1131	10.4%
1994	11336	1363	12.0%	1281	11.3%	1269	11.2%	<b>1242</b>	<b>11.0%</b>	1217	10.7%	1182	10.4%
1995	11349	1358	12.0%	1283	11.3%	1245	11.0%	<b>1235</b>	<b>10.9%</b>	1214	10.7%	1159	10.2%
1996	12070	1480	12.3%	1398	11.6%	1349	11.2%	<b>1329</b>	<b>11.0%</b>	1310	10.9%	1260	10.4%
1997	12210	1543	12.6%	1432	11.7%	1381	11.3%	<b>1365</b>	<b>11.2%</b>	1328	10.9%	1279	10.5%
1998	12503	1458	11.7%	1405	11.2%	1385	11.1%	<b>1356</b>	<b>10.8%</b>	1338	10.7%	1293	10.3%
1999	12701	1523	12.0%	1443	11.4%	1392	11.0%	<b>1367</b>	<b>10.8%</b>	1338	10.5%	1301	10.2%
2000	12638	1522	12.0%	1437	11.4%	1393	11.0%	<b>1376</b>	<b>10.9%</b>	1337	10.6%	1286	10.2%

COUNTER FAILURE IN 2001

\*DATA BASED ON 6 MONTHS OPERATION

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-66 CLEARWATER JUNCTION

**LOCATION:** MT 83, 1 MILE NORTH OF MT 200 RP 0.8

**YEAR:** 2001

**LARGE TRUCKS:** 4.6%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1265	1421	1438	1455	1495	1687	1566	1475	1452	101.59%	71.23%
FEBRUARY	1054	1231	1296	1287	1237	1510	1277	1270	1263	100.60%	61.33%
MARCH	1349	1258	1315	1295	1399	1620	1276	1359	1317	103.20%	65.60%
APRIL	1656	1410	1315	1361	1488	1790	1505	1504	1394	107.90%	72.59%
MAY	2516	2311	1865	1826	2014	2707	2414	2236	2004	111.58%	107.96%
JUNE	2661	2089	2053	2138	2294	2971	2703	2416	2144	112.69%	116.62%
JULY	4204	2764	2706	2826	3194	4012	3635	3334	2873	116.08%	160.98%
AUGUST	4508	3121	2858	2920	3160	4034	3657	3465	3015	114.95%	167.31%
SEPTEMBER	2719	2943	2179	2153	2346	2751	2691	2540	2405	105.61%	122.64%
OCTOBER	1947	2019	1891	1942	2113	2492	2023	2061	1991	103.50%	99.50%
NOVEMBER	1797	1713	1775	1904	1660	2070	1814	1819	1763	103.18%	87.82%
DECEMBER	1152	1356	1288	1536	1460	1566	1271	1376	1410	97.56%	66.41%
DAILY AVG. FOR YEAR	2236	1970	1832	1887	1988	2434	2153	2071	1919	107.93%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-66

**ROUTE:** P-83 (C000083)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RECREATIONAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
*1992	1180	183	15.5%	164	13.9%	155	13.1%	<b>145</b>	<b>12.3%</b>		0.0%		0.0%
1993	1539	481	31.3%	388	25.2%	371	24.1%	<b>343</b>	<b>22.3%</b>	308	20.0%	271	17.6%
1994	1686	472	28.0%	396	23.5%	370	21.9%	<b>362</b>	<b>21.5%</b>	334	19.8%	299	17.7%
1995	1759	460	26.2%	403	22.9%	384	21.8%	<b>369</b>	<b>21.0%</b>	348	19.8%	305	17.3%
1996	1753	492	28.1%	473	27.0%	436	24.9%	<b>403</b>	<b>23.0%</b>	383	21.8%	337	19.2%
1997	1792	527	29.4%	428	23.9%	397	22.2%	<b>370</b>	<b>20.6%</b>	343	19.1%	299	16.7%
1998	1934	664	34.3%	448	23.2%	423	21.9%	<b>411</b>	<b>21.3%</b>	383	19.8%	334	17.3%
1999	2054	483	23.5%	443	21.6%	432	21.0%	<b>418</b>	<b>20.4%</b>	393	19.1%	347	16.9%
2000	2041	511	25.0%	441	21.6%	422	20.7%	<b>407</b>	<b>19.9%</b>	375	18.4%	334	16.4%
<b>2001</b>	<b>2071</b>	<b>501</b>	<b>24.2%</b>	<b>448</b>	<b>21.6%</b>	<b>423</b>	<b>20.4%</b>	<b>406</b>	<b>19.6%</b>	<b>370</b>	<b>17.9%</b>	<b>331</b>	<b>16.0%</b>

\*DATA BASED ON 3 MONTHS OF OPERATION

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-67 MISSOULA

**YEAR:** 2001

**LOCATION:** U-8115, ON VAN BUREN STREET, SOUTH OF POPLAR IN MISSOULA

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	7434	8394	9055	9218	9098	9589	8007	8685	8941	97.13%	90.29%
FEBRUARY	7464	9218	9686	9829	9449	9836	8377	9123	9546	95.57%	94.84%
MARCH	7702	9419	9641	9930	9801	9903	8471	9267	9698	95.56%	96.34%
APRIL	8643	10208	10591	10742	10629	10760	9403	10139	10543	96.18%	105.41%
MAY	8686	9839	10576	10719	10867	11275	9498	10209	10500	97.22%	106.13%
JUNE	7957	10728	10461	10453	10826	10853	9136	10059	10617	94.75%	104.58%
JULY	8343	10249	10523	9938	10311	10124	8716	9743	10255	95.01%	101.29%
AUGUST	8268	10133	10315	10498	10521	10454	8984	9882	10367	95.32%	102.73%
SEPTEMBER	8712	9698	10447	10460	10510	10846	9345	10003	10279	97.31%	103.99%
OCTOBER	8094	9899	10005	10489	10030	10444	9206	9738	10106	96.36%	101.24%
NOVEMBER	8034	9898	10154	10071	9582	10075	8652	9495	9926	95.66%	98.71%
DECEMBER	8019	9419	8670	9617	9450	9836	8575	9084	9289	97.79%	94.44%
DAILY AVG. FOR YEAR	8113	9759	10010	10164	10090	10333	8864	9619	10006	96.14%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-67

**ROUTE:** U-8115 (C008115)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1993	9338	1071	11.5%	1037	11.1%	1015	10.9%	996	10.7%	970	10.4%	927	9.9%
1994	9343	1127	12.1%	1046	11.2%	1035	11.1%	1020	10.9%	994	10.6%	959	10.3%
1995	9512	1206	12.7%	1096	11.5%	1046	11.0%	1027	10.8%	1004	10.6%	951	10.0%
1996	9366	1225	13.1%	1116	11.9%	1041	11.1%	1027	11.0%	991	10.6%	951	10.2%
1997	9440	1100	11.7%	1029	10.9%	1000	10.6%	989	10.5%	972	10.3%	934	9.9%
1998	9596	1105	11.5%	1042	10.9%	1028	10.7%	1015	10.6%	995	10.4%	958	10.0%
1999	9957	1199	12.0%	1095	11.0%	1065	10.7%	1032	10.4%	1000	10.0%	972	9.8%
2000	9614	1137	11.8%	1041	10.8%	1018	10.6%	1002	10.4%	982	10.2%	941	9.8%
2001	9619	1099	11.4%	1034	10.7%	1008	10.5%	995	10.3%	972	10.1%	932	9.7%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-68 MISSOULA

**YEAR:** 2001

**LOCATION:** U-8116, ON BECKWITH JUST WEST OF HILDA IN MISSOULA

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1204	2192	2648	2670	2459	2445	1452	2153	2492	86.38%	73.26%
FEBRUARY	1982	3659	4221	4277	4007	3998	2320	3495	4041	86.48%	118.92%
MARCH	1888	3600	3653	3729	3712	3636	2186	3201	3674	87.13%	108.91%
APRIL	2289	4105	4165	4276	4128	4065	2608	3662	4169	87.86%	124.62%
MAY	1902	2998	3528	3611	3540	3690	2424	3099	3419	90.63%	105.45%
JUNE	1232	2893	2731	2877	2640	2618	1482	2353	2785	84.49%	80.08%
JULY	1233	2515	2408	1903	2455	2350	1290	2022	2320	87.15%	68.80%
AUGUST	1209	2258	2281	2517	2420	2441	1431	2080	2369	87.78%	70.76%
SEPTEMBER	2086	3377	3911	3940	3842	3884	2665	3386	3768	89.89%	115.23%
OCTOBER	2094	3892	4097	4091	3958	3862	3032	3575	4010	89.17%	121.65%
NOVEMBER	1977	3547	4029	3573	3335	3352	2465	3183	3621	87.89%	108.30%
DECEMBER	1911	3147	3340	3415	3469	3387	2727	3057	3343	91.44%	104.01%
DAILY AVG. FOR YEAR	1751	3182	3418	3407	3330	3311	2174	2939	3334	88.14%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-68

**ROUTE:** U-8116 (C008116)

**FUNCTIONAL CLASS:** COLLECTOR

**TRAFFIC TYPE:** URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1993	2822	589	20.9%	393	13.9%	393	13.9%	<b>360</b>	<b>12.8%</b>	348	12.3%	337	11.9%
1994	2826	456	16.1%	384	13.6%	384	13.6%	<b>357</b>	<b>12.6%</b>	350	12.4%	336	11.9%
1995	2597	590	22.7%	446	17.2%	446	17.2%	<b>375</b>	<b>14.4%</b>	363	14.0%	344	13.2%
1996	2777	558	20.1%	448	16.1%	448	16.1%	<b>365</b>	<b>13.1%</b>	357	12.9%	341	12.3%
1997	2873	545	19.0%	416	14.5%	416	14.5%	<b>361</b>	<b>12.6%</b>	348	12.1%	336	11.7%
1998	2989	556	18.6%	437	14.6%	437	14.6%	<b>378</b>	<b>12.6%</b>	366	12.2%	353	11.8%
1999	3017	569	18.9%	417	13.8%	417	13.8%	<b>377</b>	<b>12.5%</b>	370	12.3%	356	11.8%
2000	2926	613	21.0%	445	15.2%	389	13.3%	<b>376</b>	<b>12.9%</b>	365	12.5%	350	12.0%
<b>2001</b>	<b>2939</b>	<b>569</b>	<b>19.4%</b>	<b>452</b>	<b>15.4%</b>	<b>381</b>	<b>13.0%</b>	<b>369</b>	<b>12.6%</b>	<b>358</b>	<b>12.2%</b>	<b>346</b>	<b>11.8%</b>



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-69 GALEN

**LOCATION:** S 273, 1 MILE NORTH OF MT 48 RP 1

**YEAR:** 2001

**LARGE TRUCKS:**

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	525	578	630	595	643	643	568	597	612	97.70%	0.00%
FEBRUARY	558	582	594	587	595	604	599	588	590	99.82%	0.00%
MARCH	PULLED IN MARCH 2001										
APRIL											
MAY											
JUNE											
JULY											
AUGUST											
SEPTEMBER											
OCTOBER											
NOVEMBER											
DECEMBER											
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-69

**ROUTE:** S-273 (C000273)

**FUNCTIONAL CLASS:** MAJOR COLLECTOR

**TRAFFIC TYPE:** SECONDARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1995	703	114	16.2%	92	13.1%	84	11.9%	<b>82</b>	<b>11.7%</b>	79	11.2%	75	10.7%
1996	707	132	18.7%	88	12.4%	85	12.0%	<b>84</b>	<b>11.9%</b>	80	11.3%	76	10.7%
1997	734	130	17.7%	99	13.5%	91	12.4%	<b>89</b>	<b>12.1%</b>	84	11.4%	78	10.6%
1998	751	172	22.9%	104	13.8%	96	12.8%	<b>90</b>	<b>12.0%</b>	85	11.3%	80	10.7%
1999	769	125	16.3%	101	13.1%	95	12.4%	<b>93</b>	<b>12.1%</b>	89	11.6%	84	10.9%
2000	756	152	20.1%	96	12.7%	91	12.0%	<b>89</b>	<b>11.8%</b>	86	11.4%	81	10.7%

REPLACED WITH A-109

\*\* DESIGN HOUR VOLUME

FILE: S:\ATR\ATRBK\2001DESIGNHOUR



**AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-70 LINCOLN

**LOCATION:** US 200, EAST OF LINCOLN RP 73

**YEAR:** 2001

**LARGE TRUCKS:** 6.3%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1392	1391	1292	1258	1299	1595	1397	1375	1310	104.95%	66.14%
FEBRUARY	1573	1385	1118	1286	1207	1661	1431	1380	1249	110.50%	66.39%
MARCH	1994	1592	1497	1470	1651	1994	1737	1705	1553	109.82%	82.02%
APRIL	1977	1803	1507	1555	1691	2204	1903	1806	1639	110.17%	86.86%
MAY	2712	2389	1865	1870	2048	2883	2714	2354	2043	115.24%	113.26%
JUNE	2891	2275	2038	2087	2330	2933	2809	2480	2183	113.65%	119.32%
JULY	3641	2578	2479	2388	2590	3349	3046	2867	2509	114.29%	137.93%
AUGUST	3415	2537	2301	2265	2514	3247	3030	2758	2404	114.73%	132.69%
SEPTEMBER	2716	2541	1931	1980	2061	2683	2643	2365	2128	111.12%	113.77%
OCTOBER	2591	2012	1757	1845	2071	2812	2488	2225	1921	115.82%	107.04%
NOVEMBER	2450	1814	1679	2097	1784	2341	2434	2086	1844	113.13%	100.33%
DECEMBER	1578	1422	1275	1544	1520	1672	1794	1544	1440	107.17%	74.25%
DAILY AVG. FOR YEAR	2411	1978	1728	1804	1897	2448	2286	2079	1852	112.25%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-70

**ROUTE:** N-24 (C000024)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1999	2216	435	19.6%	382	17.2%	366	16.5%	352	15.9%	335	15.1%	306	13.8%
2000	2134	442	20.7%	363	17.0%	347	16.3%	330	15.5%	318	14.9%	287	13.4%
2001	2079	395	19.0%	355	17.1%	332	16.0%	324	15.6%	308	14.8%	283	13.6%



**AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-101

**LOCATION:** TOWNSEND ON US 12 RP 72.4

**YEAR:** 2001

**LARGE TRUCKS:** 5.6%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	3264	3581	3560	3602	3605	4291	3783	3669	3587	102.30%	81.49%
FEBRUARY	3419	3719	3435	3516	3382	4335	3758	3652	3513	103.96%	81.10%
MARCH	4197	0	0	0	4128	5001	4642	4492	4128	108.82%	99.76%
APRIL	4336	3863	3687	3898	4309	5110	4307	4216	3939	107.02%	93.62%
MAY	4685	4443	4259	4299	4747	5894	5108	4776	4437	107.65%	106.07%
JUNE	5261	4789	4613	4747	5152	6175	5149	5127	4825	106.24%	113.85%
JULY	5647	5243	5143	4920	5533	6472	5626	5512	5210	105.80%	122.41%
AUGUST	5549	5164	4882	5205	5340	6370	5417	5418	5148	105.25%	120.32%
SEPTEMBER	4542	3933	4284	4395	4228	5506	4677	4509	4210	107.11%	100.14%
OCTOBER	4302	4170	4197	4420	4702	5740	4811	4620	4372	105.67%	102.60%
NOVEMBER	4170	3897	4063	4367	4153	5075	4446	4310	4120	104.62%	95.72%
DECEMBER	3376	3594	3578	4107	4091	4427	3752	3846	3843	100.10%	85.42%
DAILY AVG. FOR YEAR	4396	4218	4155	4316	4448	5366	4623	4503	4284	105.11%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-101

**ROUTE:** N-8 (C000008)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	4444	595	13.4%	562	12.6%	539	12.1%	528	11.9%	508	11.4%	482	10.8%
2001	4503	745	16.5%	566	12.6%	547	12.1%	534	11.9%	509	11.3%	483	10.7%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-102

**LOCATION:** DECKER ON S-314 RP 1.5

**YEAR:** 2001

**LARGE TRUCKS:** 4.2%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	508	725	839	842	835	841	577	738	810	91.10%	83.46%
FEBRUARY	524	837	877	838	861	816	635	770	853	90.21%	87.03%
MARCH	528	811	835	852	880	859	564	761	845	90.15%	86.08%
APRIL	539	868	982	1007	1026	916	645	855	971	88.05%	96.64%
MAY	814	1028	1034	1042	1129	1181	978	1029	1058	97.28%	116.40%
JUNE	918	1042	1013	1000	1075	1187	971	1029	1033	99.70%	116.40%
JULY	956	1023	1126	1095	1081	1126	979	1055	1081	97.59%	119.30%
AUGUST	804	998	1082	1043	1051	1071	825	982	1044	94.11%	111.03%
SEPTEMBER	672	933	987	975	974	945	714	886	967	91.57%	100.15%
OCTOBER	569	903	1021	970	996	968	713	877	973	90.19%	99.18%
NOVEMBER	525	879	936	945	875	891	678	818	909	90.06%	92.54%
DECEMBER	541	817	793	917	977	956	682	812	876	92.68%	91.80%
DAILY AVG. FOR YEAR	658	905	960	961	980	980	747	884	952	92.94%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-102

**ROUTE:** S-314 (C000314)

**FUNCTIONAL CLASS:** MAJOR COLLECTOR

**TRAFFIC TYPE:** SECONDARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	826	151	18.3%	111	13.4%	107	13.0%	105	12.7%	103	12.5%	98	11.9%
2001	884	146	16.5%	115	13.0%	113	12.8%	109	12.3%	105	11.9%	101	11.4%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-103

**LOCATION:** BAD ROUTE ON I-94 RP 194.7

**YEAR:** 2001

**LARGE TRUCKS:** 27.7%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2130	2048	2135	2287	2266	2499	2400	2252	2184	103.12%	74.01%
FEBRUARY	2364	2145	2109	2341	2392	2837	2573	2394	2247	106.57%	78.69%
MARCH	3085	2270	2395	2689	2778	3009	2944	2739	2533	108.12%	90.00%
APRIL	2752	2593	2538	2705	2948	3096	2810	2777	2696	103.02%	91.27%
MAY	3150	2969	2766	3021	3201	3662	3220	3141	2989	105.09%	103.23%
JUNE	3722	3247	3258	3605	3611	3796	3686	3561	3430	103.80%	117.01%
JULY	4111	3642	3463	3668	3887	4451	4052	3896	3665	106.31%	128.04%
AUGUST	4183	3570	3552	3762	3885	4266	4086	3901	3692	105.64%	128.18%
SEPTEMBER	3286	3140	2981	3136	3313	3564	3414	3262	3143	103.80%	107.20%
OCTOBER	3328	2816	2805	3064	3181	3597	3232	3146	2967	106.06%	103.39%
NOVEMBER	3179	2338	2547	3109	2620	2861	3054	2815	2654	106.10%	92.52%
DECEMBER	2564	2063	2305	2830	2630	3114	2911	2631	2457	107.08%	86.46%
DAILY AVG. FOR YEAR	3155	2737	2738	3018	3059	3396	3199	3043	2888	105.37%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-103

**ROUTE:** I-94 (C000094)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	3016	474	15.7%	405	13.4%	378	12.5%	369	12.2%	350	11.6%	330	10.9%
2001	3043	436	14.3%	360	11.8%	340	11.2%	334	11.0%	325	10.7%	304	10.0%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-104

**LOCATION:** MANHATTAN ON I-90 RP 284.4

**YEAR:** 2001

**LARGE TRUCKS:** 14.3%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	7692	7798	8228	8292	8817	9700	9034	8509	8284	102.72%	75.09%
FEBRUARY	8706	8084	7618	8219	8710	10159	9651	8735	8158	107.08%	77.09%
MARCH	10468	8544	8898	9120	9930	11639	11009	9944	9123	109.00%	87.76%
APRIL	10704	9388	9641	9767	10606	11934	10784	10403	9851	105.61%	91.81%
MAY	11802	11212	10563	11006	11945	14200	13028	11965	11182	107.01%	105.60%
JUNE	13559	12167	11986	12341	13289	14999	13640	13140	12446	105.58%	115.97%
JULY	15868	13736	13600	13152	14492	16672	15466	14712	13745	107.04%	129.84%
AUGUST	15910	13810	13402	14049	14550	16913	15610	14892	13953	106.73%	131.43%
SEPTEMBER	12786	12406	11586	11847	12492	15033	13862	12859	12083	106.42%	113.48%
OCTOBER	11136	9958	10064	10697	11680	13765	11673	11282	10600	106.44%	99.57%
NOVEMBER	10904	9205	9580	10474	9618	11597	11438	10402	9719	107.03%	91.80%
DECEMBER	8697	7877	7921	9537	9742	10308	9806	9127	8769	104.08%	80.55%
DAILY AVG. FOR YEAR	11519	10349	10257	10708	11323	13077	12083	11331	10659	106.30%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-104

**ROUTE:** I-90 (C000090)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	11248	1488	13.2%	1374	12.2%	1335	11.9%	1307	11.6%	1278	11.4%	1214	10.8%
2001	11331	1655	14.6%	1374	12.1%	1348	11.9%	1319	11.6%	1277	11.3%	1219	10.8%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-105

**LOCATION:** ARLEE ON US 93 RP 22.7

**YEAR:** 2001

**LARGE TRUCKS:** 6.5%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	3888	4992	5436	5186	5539	5637	4902	5083	5288	96.12%	73.37%
FEBRUARY	4188	5043	4965	5038	5104	6249	5545	5162	5038	102.47%	74.51%
MARCH	5392	5634	5801	5900	6144	6992	6408	6039	5870	102.88%	87.17%
APRIL	5583	5753	5825	5952	6271	7295	6755	6205	5950	104.28%	89.56%
MAY	6612	6647	6456	6596	6850	8250	7625	7005	6637	105.54%	101.12%
JUNE	7274	7251	7187	7247	7674	9020	7783	7634	7340	104.01%	110.19%
JULY	9622	8776	8811	8718	9572	10798	9565	9409	8969	104.90%	135.81%
AUGUST	9704	8968	8536	8731	9068	10658	9749	9345	8826	105.88%	134.89%
SEPTEMBER	7487	7761	7278	7111	7392	8888	8576	7785	7386	105.41%	112.37%
OCTOBER	6089	6430	6525	6731	7049	8245	7535	6943	6684	103.89%	100.23%
NOVEMBER	5693	6062	6357	6791	6210	7339	6800	6465	6355	101.72%	93.31%
DECEMBER	5236	5545	5581	6423	6317	6506	6813	6060	5967	101.57%	87.48%
DAILY AVG. FOR YEAR	6397	6572	6563	6702	6933	7990	7338	6928	6692	103.52%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-105

**ROUTE:** N-5 (C000005)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	6651	981	14.7%	889	13.4%	854	12.8%	834	12.5%	812	12.2%	762	11.5%
2001	6928	934	13.5%	891	12.9%	866	12.5%	853	12.3%	825	11.9%	780	11.3%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-106

**LOCATION:** FOUR CORNERS ON US 191 RP 81.2 (P-50)

**YEAR:** 2001

**LARGE TRUCKS:** 3.8%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	6924	7909	8249	8212	8291	8727	7838	8021	8165	98.24%	88.24%
FEBRUARY	7634	8105	8081	8275	8238	8757	8434	8218	8175	100.53%	90.40%
MARCH	7674	8261	8377	8450	8767	9104	8509	8449	8464	99.82%	92.94%
APRIL	7038	8093	8325	8447	8406	8930	7588	8118	8318	97.60%	89.30%
MAY	7324	8228	8528	8820	9109	9625	8228	8552	8671	98.62%	94.07%
JUNE	8463	10090	10166	10195	10731	11117	9331	10013	10296	97.26%	110.15%
JULY	9742	11193	11414	10913	11601	12244	10795	11129	11280	98.66%	122.42%
AUGUST	9745	10952	11085	11235	11331	11944	10417	10958	11151	98.28%	120.54%
SEPTEMBER	8522	9773	10044	10204	11006	10887	9467	9986	10257	97.36%	109.85%
OCTOBER	6983	9113	9359	9540	9795	10268	8515	9082	9452	96.09%	99.90%
NOVEMBER	6760	8460	8811	8931	8159	9186	7949	8322	8590	96.88%	91.55%
DECEMBER	7011	8098	7505	8830	9093	8884	8267	8241	8382	98.33%	90.65%
DAILY AVG. FOR YEAR	7818	9023	9162	9338	9544	9973	8778	9091	9267	98.10%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-106

**ROUTE:** N-50 (C000050)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	8636	1019	11.8%	939	10.9%	914	10.6%	887	10.3%	853	9.9%	813	9.4%
2001	9091	1214	13.4%	1027	11.3%	993	10.9%	982	10.8%	946	10.4%	901	9.9%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-107

**LOCATION:** GALLATIN ON US 191 (P - 50) RP 74.8

**YEAR:** 2001

**LARGE TRUCKS:** 6.5%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	3658	4063	4097	4069	4228	4524	4317	4137	4114	100.54%	85.97%
FEBRUARY	4159	4025	3951	4044	4115	4477	4625	4199	4034	104.11%	87.28%
MARCH	4274	4068	4178	4132	4494	4739	4699	4369	4218	103.58%	90.81%
APRIL	3452	3817	3989	4052	4025	4258	3546	3877	3971	97.64%	80.58%
MAY	3734	4229	4203	4338	4580	4680	3970	4248	4338	97.93%	88.28%
JUNE	4763	5344	5338	5246	5839	6008	5218	5394	5442	99.12%	112.10%
JULY	6157	6523	6656	6222	6810	7093	6472	6562	6553	100.14%	136.38%
AUGUST	6146	6429	6418	6574	6669	6926	6128	6470	6523	99.20%	134.47%
SEPTEMBER	4409	5678	5638	5782	5838	4933	4655	5276	5734	92.02%	109.66%
OCTOBER	3670	4209	4732	5029	5143	5359	4441	4655	4778	97.41%	96.74%
NOVEMBER	3588	4381	4524	4641	4187	4686	4014	4289	4433	96.74%	89.14%
DECEMBER	3752	4173	3786	4477	4672	4610	4364	4262	4277	99.65%	88.58%
DAILY AVG. FOR YEAR	4314	4745	4793	4884	5050	5191	4704	4811	4868	98.84%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-107

**ROUTE:** N-50 (C000050)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	4640	666	14.4%	583	12.6%	561	12.1%	545	11.7%	529	11.4%	505	10.9%
2001	4811	806	16.8%	596	12.4%	577	12.0%	564	11.7%	548	11.4%	518	10.8%



### AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-108

LOCATION: BIG TIMBER ON I - 90 RP 356.0

YEAR: 2001

LARGE TRUCKS:

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	5409	4950	5066	5221	5521	6220	5695	5440	5190	104.83%	0.00%
FEBRUARY	6172	5283	4778	5082	5586	6536	6247	5669	5182	109.40%	0.00%
MARCH	7967	5534	5777	6082	6717	7994	7483	6793	6028	112.71%	0.00%
APRIL	7769	6201	6243	6629	7185	8340	7212	7083	6565	107.89%	0.00%
MAY	8866	8005	7165	7623	8376	10797	9320	8593	7792	110.28%	0.00%
JUNE	10561	8563	8342	8997	9837	10798	10317	9631	8935	107.79%	0.00%
JULY	12341	10010	9671	9442	10422	12137	11323	10764	9886	108.88%	0.00%
AUGUST	12167	10013	9600	10240	10544	12329	11798	10956	10099	108.48%	0.00%
SEPTEMBER	9689	8763	8042	8356	8966	10639	10096	9222	8532	108.09%	0.00%
OCTOBER	9311	7329	7149	7594	8182	10294	8900	8394	7564	110.98%	0.00%
NOVEMBER	PULLED OCTOBER 9, 2001										
DECEMBER											
DAILY AVG. FOR YEAR	0	0	0	0	0	0	0	0	0	0.00%	

SITE ABANDONED BECAUSE OF PAVEMENT

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-108

**ROUTE:** I-90 (C000090)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	7907	1177	14.9%	1076	13.6%	1044	13.2%	1022	12.9%	981	12.4%	931	11.8%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-109

**LOCATION:** GALEN ON S-273 RP 1.0

**YEAR:** 2001

**LARGE TRUCKS:** 0.4%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	520	586	633	624	664	677	577	612	627	97.58%	78.96%
FEBRUARY	566	604	615	641	605	637	602	610	616	98.99%	78.76%
MARCH	615	673	698	675	704	717	704	684	688	99.45%	88.28%
APRIL	918	733	788	700	726	751	793	773	737	104.88%	99.77%
MAY	790	777	820	813	840	881	858	826	813	101.61%	106.59%
JUNE	759	843	793	843	933	959	862	856	853	100.35%	110.52%
JULY	828	889	923	921	1012	992	961	932	936	99.58%	120.37%
AUGUST	824	865	873	871	908	900	834	868	879	98.70%	112.05%
SEPTEMBER	776	838	853	824	867	874	859	842	846	99.54%	108.66%
OCTOBER	692	823	809	825	822	844	798	802	820	97.82%	103.53%
NOVEMBER	665	772	765	799	786	855	779	774	781	99.22%	99.99%
DECEMBER	616	744	703	768	778	749	657	716	748	95.75%	92.50%
DAILY AVG. FOR YEAR	714	762	773	775	804	820	774	775	779	99.48%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-109

**ROUTE:** S-273 (C000273)

**FUNCTIONAL CLASS:** MAJOR COLLECTOR

**TRAFFIC TYPE:** SECONDARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	769	159	20.7%	100	13.0%	93	12.1%	91	11.8%	87	11.3%	82	10.7%
2001	775	143	18.5%	107	13.8%	94	12.1%	90	11.6%	88	11.4%	81	10.5%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-110

**LOCATION:** BROADVIEW ON MT 3 RP 32.6

**YEAR:** 2001

**LARGE TRUCKS:** 16.1%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1072	1152	1166	1203	1250	1422	1172	1205	1193	101.05%	78.83%
FEBRUARY	1237	1105	1011	1145	1180	1435	1194	1187	1110	106.89%	77.61%
MARCH	1526	1190	1226	1245	1421	1617	1338	1366	1271	107.53%	89.35%
APRIL	1462	1266	1260	1314	1483	1726	1446	1422	1331	106.89%	93.03%
MAY	1758	1596	1452	1556	1607	2110	1797	1697	1553	109.26%	110.96%
JUNE	1856	1570	1498	1555	1742	1993	1646	1694	1591	106.48%	110.81%
JULY	1954	1722	1630	1555	1747	2056	1810	1782	1664	107.12%	116.55%
AUGUST	1923	1679	1615	1660	1716	2054	1676	1760	1668	105.57%	115.14%
SEPTEMBER	1648	1623	1422	1466	1574	1923	1726	1626	1521	106.89%	106.35%
OCTOBER	1875	1468	1416	1483	1667	2009	1751	1667	1509	110.51%	109.03%
NOVEMBER	1784	1311	1372	1626	1519	1838	1792	1606	1457	110.23%	105.04%
DECEMBER	1239	1152	1203	1421	1418	1542	1369	1335	1299	102.80%	87.30%
DAILY AVG. FOR YEAR	1611	1403	1356	1436	1527	1810	1560	1529	1430	106.89%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-110

**ROUTE:** N-16 (C000016)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	1530	220	14.4%	200	13.1%	188	12.3%	182	11.9%	176	11.5%	165	10.8%
2001	1529	245	16.0%	207	13.5%	199	13.0%	190	12.4%	184	12.0%	169	11.1%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-111

**LOCATION:** MILES CITY EAST ON US 12 RP 14.0

**YEAR:** 2001

**LARGE TRUCKS:** 11.7%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	392	506	591	538	531	617	519	528	542	97.45%	80.02%
FEBRUARY	410	546	546	491	539	651	559	535	531	100.77%	81.06%
MARCH	521	547	555	529	562	659	576	564	548	102.90%	85.55%
APRIL	591	576	597	573	631	719	635	617	594	103.90%	93.63%
MAY	664	652	646	639	692	719	721	676	657	102.87%	102.53%
JUNE	668	695	700	648	690	731	652	683	683	100.03%	103.63%
JULY	716	705	711	645	717	752	711	708	695	101.96%	107.38%
AUGUST	737	707	694	683	733	807	741	729	704	103.49%	110.52%
SEPTEMBER	631	670	674	660	669	801	704	687	668	102.81%	104.18%
OCTOBER	732	859	853	801	847	972	795	837	840	99.64%	126.92%
NOVEMBER	720	638	702	735	714	838	863	744	697	106.75%	112.86%
DECEMBER	507	553	590	637	631	704	612	605	603	100.35%	91.72%
DAILY AVG. FOR YEAR	607	638	655	632	663	748	674	659	647	101.95%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-111

**ROUTE:** P-2 (C000002)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	631	119	18.9%	88	13.9%	81	12.8%	79	12.5%	75	11.9%	69	10.9%
2001	659	128	19.4%	91	13.8%	84	12.7%	83	12.6%	79	12.0%	73	11.1%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-112

**LOCATION:** ULM ON I-15 RP 269.0

**YEAR:** 2001

**LARGE TRUCKS:** 11.0%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	3496	3479	3803	3865	3842	4368	4143	3857	3747	102.92%	79.10%
FEBRUARY	3562	3666	3602	3870	3713	4469	4009	3842	3713	103.47%	78.79%
MARCH	4590	3884	4033	4378	4701	5263	5247	4585	4249	107.91%	94.04%
APRIL	5033	4215	4325	4451	4674	5642	5070	4773	4416	108.07%	97.89%
MAY	5425	4905	4583	4660	5067	6125	5931	5242	4804	109.13%	107.52%
JUNE	6205	4823	4905	5094	5461	6507	6200	5599	5071	110.42%	114.84%
JULY	6591	5744	5652	5763	0	7039	6546	6223	5720	108.79%	127.62%
AUGUST	6675	5494	5320	5685	5828	6966	6418	6055	5582	108.48%	124.19%
SEPTEMBER	5303	4974	4670	4769	4874	6017	5834	5206	4822	107.97%	106.77%
OCTOBER	4604	4330	4401	4581	4836	5918	5152	4832	4537	106.50%	99.10%
NOVEMBER	4483	4001	4252	4611	4326	5235	4830	4534	4298	105.50%	92.99%
DECEMBER	3473	3665	3897	4051	3970	4707	4120	3983	3896	102.25%	81.70%
DAILY AVG. FOR YEAR	4953	4432	4454	4648	4663	5688	5292	4876	4549	107.18%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-112

**ROUTE:** I-15 (C000015)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	4737	620	13.1%	570	12.0%	558	11.8%	550	11.6%	533	11.3%	506	10.7%
2001	4876	689	14.1%	611	12.5%	589	12.1%	573	11.8%	554	11.4%	522	10.7%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-113

**LOCATION:** RYEGATE ON US 12 RP 143.5

**YEAR:** 2001

**LARGE TRUCKS:** 17.2%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1031	1051	1060	1091	1173	1329	1115	1121	1094	102.53%	75.83%
FEBRUARY	1183	1022	911	996	1096	1280	1092	1083	1006	107.61%	73.22%
MARCH	1467	1141	1157	1189	1361	1547	1268	1304	1212	107.61%	88.20%
APRIL	1447	1245	1207	1237	1426	1685	1392	1377	1279	107.68%	93.11%
MAY	1758	1594	1410	1505	1580	2078	1743	1667	1522	109.50%	112.71%
JUNE	1900	1569	1510	1548	1742	2014	1670	1708	1592	107.24%	115.47%
JULY	2013	1713	1611	1608	1735	2046	1759	1784	1667	107.01%	120.61%
AUGUST	1966	1642	1559	1622	1676	2016	1636	1731	1625	106.54%	117.05%
SEPTEMBER	1657	1622	1365	1403	1485	1865	1702	1586	1469	107.95%	107.22%
OCTOBER	1851	1427	1380	1441	1620	1961	1743	1632	1467	111.24%	110.35%
NOVEMBER	1744	1245	1295	1551	1442	1752	1681	1530	1383	110.61%	103.46%
DECEMBER	1180	1033	1097	1280	1310	1362	1307	1224	1180	103.74%	82.78%
DAILY AVG. FOR YEAR	1600	1359	1297	1373	1471	1745	1509	1479	1375	107.58%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-113

**ROUTE:** N-14 (C000014)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	1463	243	16.6%	212	14.5%	200	13.7%	189	12.9%	182	12.4%	170	11.6%
2001	1479	250	16.9%	218	14.7%	203	13.7%	191	12.9%	184	12.4%	170	11.5%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-114

**LOCATION:** STANFORD ON US 87 RP 35.1

**YEAR:** 2001

**LARGE TRUCKS:** 16.5%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1456	1476	1535	1635	1684	1825	1651	1609	1583	101.67%	74.19%
FEBRUARY	1581	1510	1408	1578	1566	1856	1607	1587	1516	104.69%	73.16%
MARCH	2046	1718	1707	1755	1971	2178	1990	1909	1788	106.80%	88.04%
APRIL	2008	1966	1868	1878	2079	2519	1996	2045	1948	104.99%	94.29%
MAY	2206	2236	2179	2314	2515	2904	2401	2394	2311	103.57%	110.37%
JUNE	2538	2505	2390	2520	2872	3010	2417	2607	2572	101.39%	120.23%
JULY	2907	2543	2459	2384	2755	3051	2594	2670	2535	105.33%	123.14%
AUGUST	2766	2511	2343	2539	2659	3050	2477	2621	2513	104.29%	120.84%
SEPTEMBER	2475	2213	2091	2202	2317	2693	2393	2341	2206	106.11%	107.93%
OCTOBER	2378	2100	2078	2174	2414	2788	2388	2331	2192	106.39%	107.50%
NOVEMBER	2224	1750	1843	2276	2047	2401	2340	2126	1979	107.42%	98.02%
DECEMBER	1667	1534	1557	1940	1912	1993	1890	1785	1736	102.82%	82.29%
DAILY AVG. FOR YEAR	2188	2005	1955	2100	2233	2522	2179	2169	2073	104.61%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-114

**ROUTE:** N-57 (C000057)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	2128	399	18.8%	284	13.3%	265	12.5%	260	12.2%	247	11.6%	232	10.9%
2001	2169	374	17.2%	298	13.7%	270	12.4%	260	12.0%	250	11.5%	238	11.0%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-115

**LOCATION:** FORT BENTON ON US 87 RP 31.3

**YEAR:** 2001

**LARGE TRUCKS:** 4.7%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1598	1883	2031	1926	2083	2317	1955	1970	1981	99.48%	82.50%
FEBRUARY	1595	1871	1844	1934	1966	2347	2086	1949	1904	102.38%	81.60%
MARCH	2060	2047	2190	2067	2291	2610	2441	2244	2149	104.42%	93.94%
APRIL	2254	2248	2210	2170	2394	2872	2350	2357	2256	104.49%	98.68%
MAY	2295	2376	2273	2430	2640	3067	2691	2539	2430	104.49%	106.30%
JUNE	2357	2434	2528	2654	2739	3062	2971	2678	2589	103.44%	112.12%
JULY	2676	2653	2684	2481	2731	2961	2475	2666	2637	101.08%	111.61%
AUGUST	2553	2598	2621	2712	2776	3076	2783	2731	2677	102.04%	114.35%
SEPTEMBER	2172	2383	2266	2284	2409	2853	2629	2428	2336	103.96%	101.66%
OCTOBER	2245	2238	2221	2315	2516	2915	2529	2426	2323	104.44%	101.55%
NOVEMBER	2223	2171	2234	2474	2313	2749	2526	2384	2298	103.75%	99.83%
DECEMBER	1985	1951	2074	2338	2413	2749	2518	2290	2194	104.36%	95.87%
DAILY AVG. FOR YEAR	2168	2238	2265	2315	2439	2798	2496	2388	2314	103.21%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-115

**ROUTE:** N-10 (C000010)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	2413	365	15.1%	313	13.0%	294	12.2%	283	11.7%	267	11.1%	251	10.4%
2001	2388	407	17.0%	298	12.5%	284	11.9%	272	11.4%	264	11.1%	248	10.4%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-116

**LOCATION:** HAVRE EAST ON US 2 RP 392.2

**YEAR:** 2001

**LARGE TRUCKS:** 5.6%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1598	2054	2283	2248	2439	2619	2133	2196	2256	97.35%	78.37%
FEBRUARY	1609	2091	2162	2384	2397	2758	2248	2236	2259	98.98%	79.77%
MARCH	1976	2396	2445	2403	2638	2946	2429	2462	2471	99.65%	87.85%
APRIL	2163	2786	2649	2699	2944	3298	2545	2726	2770	98.44%	97.29%
MAY	2429	2989	2963	3062	3184	3579	2892	3014	3050	98.84%	107.55%
JUNE	2654	3202	3162	3212	3359	3734	2950	3182	3234	98.40%	113.54%
JULY	2935	3459	3505	3131	3488	3750	3051	3331	3396	98.10%	118.87%
AUGUST	2799	3332	3189	3369	3436	3767	3020	3273	3332	98.25%	116.80%
SEPTEMBER	2430	2864	3071	2986	3080	3413	3150	2999	3000	99.96%	107.02%
OCTOBER	2501	2849	2865	2892	3118	3676	3175	3011	2931	102.72%	107.44%
NOVEMBER	2178	2559	2694	3007	2662	3092	2715	2701	2731	98.92%	96.38%
DECEMBER	1927	2434	2229	2682	2667	3017	2523	2497	2503	99.76%	89.10%
DAILY AVG. FOR YEAR	2267	2751	2768	2840	2951	3304	2736	2802	2827	99.11%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-116

**ROUTE:** N-1 (C000001)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	2772	379	13.7%	339	12.2%	326	11.8%	317	11.4%	307	11.1%	293	10.6%
2001	2802	394	14.1%	338	12.1%	330	11.8%	323	11.5%	314	11.2%	300	10.7%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-118

**LOCATION:** PARADISE ON MT 200 RP 84.3

**YEAR:** 2001

**LARGE TRUCKS:** 6.6%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1152	1390	1462	1468	1449	1713	1371	1429	1442	99.10%	67.93%
FEBRUARY	1277	1525	1527	1606	1477	1666	1555	1519	1534	99.04%	72.19%
MARCH	1654	1651	1680	1694	1881	2075	1909	1792	1727	103.79%	85.17%
APRIL	1856	1770	1771	1833	2029	2280	1919	1923	1851	103.88%	91.37%
MAY	2171	2103	1956	2025	2117	2583	2261	2174	2050	106.02%	103.31%
JUNE	2480	2322	2262	2282	2427	2887	2477	2448	2323	105.38%	116.35%
JULY	3088	2784	2571	2520	2893	3256	2778	2841	2692	105.55%	135.04%
AUGUST	3194	2768	2557	2622	2879	3558	3009	2941	2707	108.66%	139.78%
SEPTEMBER	2830	2607	2170	2155	2332	2699	2924	2531	2316	109.28%	120.29%
OCTOBER	1966	1991	1857	1913	2139	2511	2196	2082	1975	105.41%	98.94%
NOVEMBER	1955	1856	1830	1978	1760	2099	1964	1920	1856	103.46%	91.26%
DECEMBER	1427	1500	1436	1743	1744	1892	1799	1649	1606	102.68%	78.36%
DAILY AVG. FOR YEAR	2088	2022	1923	1987	2094	2435	2180	2104	2007	104.86%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-118

**ROUTE:** P-6 (C000006)

**FUNCTIONAL CLASS:** MINOR ARTERIAL

**TRAFFIC TYPE:** PRIMARY - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	2072	347	16.7%	304	14.7%	284	13.7%	276	13.3%	264	12.7%	244	11.8%
2001	2104	409	19.4%	355	16.9%	334	15.9%	293	13.9%	275	13.1%	251	11.9%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-201

**LOCATION:** CULBERTSON ON MT 16 RP 82.0

**YEAR:** 2001

**LARGE TRUCKS:** 11.6%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	579	642	793	744	774	804	753	727	738	98.48%	86.24%
FEBRUARY	607	659	738	751	737	788	697	711	721	98.58%	84.34%
MARCH	698	752	783	779	801	778	791	769	779	98.73%	91.21%
APRIL	797	830	850	868	931	917	934	875	870	100.64%	103.83%
MAY	800	877	874	912	960	939	855	888	906	98.06%	105.36%
JUNE	791	889	942	958	940	1146	1240	987	932	105.83%	117.03%
JULY	922	943	1004	873	1001	998	888	947	955	99.14%	112.34%
AUGUST	908	948	1013	1039	1054	1148	1156	1038	1014	102.42%	123.13%
SEPTEMBER	695	0	0	843	865	830	868	820	854	96.04%	97.30%
OCTOBER	713	818	860	878	938	933	851	856	874	97.98%	101.53%
NOVEMBER	672	770	808	831	772	804	768	775	795	97.45%	91.93%
DECEMBER	636	694	722	741	782	797	674	721	735	98.11%	85.51%
DAILY AVG. FOR YEAR	735	802	853	851	880	907	873	843	847	99.57%	



**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-201

**ROUTE:** N-22 (C000022)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** NON-INTERSTATE NHS - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2000	874	222	25.4%	149	17.0%	120	13.7%	113	12.9%	103	11.8%	91	10.4%
2001	843	232	27.5%	133	15.8%	113	13.4%	103	12.2%	96	11.4%	88	10.4%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-202

**LOCATION:** LIMA ON I-15 RP 15.2

**YEAR:** 2001

**LARGE TRUCKS:** 28.0%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	851	868	882	945	976	1026	911	923	918	100.54%	68.80%
FEBRUARY	990	975	933	1060	1068	1145	987	1023	1009	101.35%	76.24%
MARCH	1433	1216	1179	1334	1397	1554	1429	1363	1282	106.37%	101.63%
APRIL	1531	1516	1337	1464	1578	1666	1354	1492	1474	101.26%	111.26%
MAY	1398	1374	1150	1312	1483	1758	1359	1405	1330	105.65%	104.75%
JUNE	1629	1356	1303	1509	1704	1892	1716	1587	1468	108.11%	118.33%
JULY	1994	1530	1580	1655	1890	2075	1931	1808	1664	108.66%	134.79%
AUGUST	1891	1522	1371	1545	1808	2059	1775	1710	1562	109.52%	127.51%
SEPTEMBER	1333	1259	1141	1236	1403	1565	1383	1331	1260	105.69%	99.27%
OCTOBER	1346	1175	1054	1139	1269	1448	1199	1233	1159	106.35%	91.92%
NOVEMBER	1413	1036	1063	1381	1019	1148	1199	1180	1125	104.90%	87.97%
DECEMBER	1091	793	761	1021	1128	1289	1196	1040	926	112.33%	77.53%
DAILY AVG. FOR YEAR	1408	1218	1146	1300	1394	1552	1370	1341	1265	106.06%	

TRAFFIC VOLUMES ARE FOR NORTH BOUND DIRECTION ONLY

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-202

**ROUTE:** I-15 (C000015)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - RURAL

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2001	1341	245	18.3%	204	15.2%	189	14.1%	181	13.5%	173	12.9%	161	12.0%



### **AUTOMATIC RECORDER DATA BY MONTHS**

**STATION:** A-203

**LOCATION:** MOSSMAIN PRE - PASS ON I-90 RP 441.0

**YEAR:** 2001

**LARGE TRUCKS:** 9.8%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES							AVERAGE DAY SUNDAY THRU SATURDAY	AVERAGE WEEKDAY MONDAY THRU THURSDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	DAY OF THE WEEK										
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	13780	16763	17816	17945	18523	19873	17023	17389	17762	97.90%	84.89%
FEBRUARY	15023	17604	16324	17185	18017	20155	18420	17533	17283	101.45%	85.59%
MARCH	15738	16990	17290	17812	18617	20589	18254	17899	17677	101.25%	87.38%
APRIL	15417	17948	18103	18648	19243	21070	18062	18356	18486	99.30%	89.61%
MAY	18654	20254	20324	21396	22006	24911	22145	21384	20995	101.85%	104.39%
JUNE	20364	22203	22064	22782	24007	25849	23026	22899	22764	100.59%	111.79%
JULY	22962	24346	24292	24421	25366	27478	24880	24821	24606	100.87%	121.17%
AUGUST	22915	24481	23530	24551	24934	27335	24922	24667	24374	101.20%	120.42%
SEPTEMBER	19530	21218	21536	21906	22536	24964	22352	22006	21799	100.95%	107.43%
OCTOBER	17387	20232	20643	21107	21451	24283	20763	20838	20858	99.90%	101.73%
NOVEMBER	17496	15531	17158	22024	17147	20929	19880	18595	17965	103.51%	90.78%
DECEMBER	16185	18358	17677	20909	21128	22271	19477	19429	19518	99.55%	94.85%
DAILY AVG. FOR YEAR	17954	19661	19730	20891	21081	23309	20767	20485	20341	100.71%	

**PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.**

**STATION:** A-203

**ROUTE:** I-90 (C000090)

**FUNCTIONAL CLASS:** PRINCIPAL ARTERIAL

**TRAFFIC TYPE:** INTERSTATE - URBAN

YEAR	ADT	<u>HIGHEST HOUR</u>		<u>10TH</u>		<u>20TH</u>		<u>** DHV 30TH</u>		<u>50TH</u>		<u>100TH</u>	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
2001	20485	2295	11.2%	2202	10.7%	2134	10.4%	2087	10.2%	2037	9.9%	1949	9.5%

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